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DEPARTMENT OF TRANSPORTATION

COAST GUARD

LIGHT LIST

This publication contains a list of lights, fog signals, buoys, daybeacons, radiobeacons, racons, and loran stations.

Volume VI

PACIFIC COAST AND PACIFIC ISLANDS

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IMPORTANT
THIS PUBLICATION SHOULD BE CORRECTED EACH WEEK FROM THE NOTICE TO MARINERS OR LOCAL NOTICE TO MARINERS AS APPROPRIATE.

1986

COMDTINST M16502.6 (OLD CG - 162)

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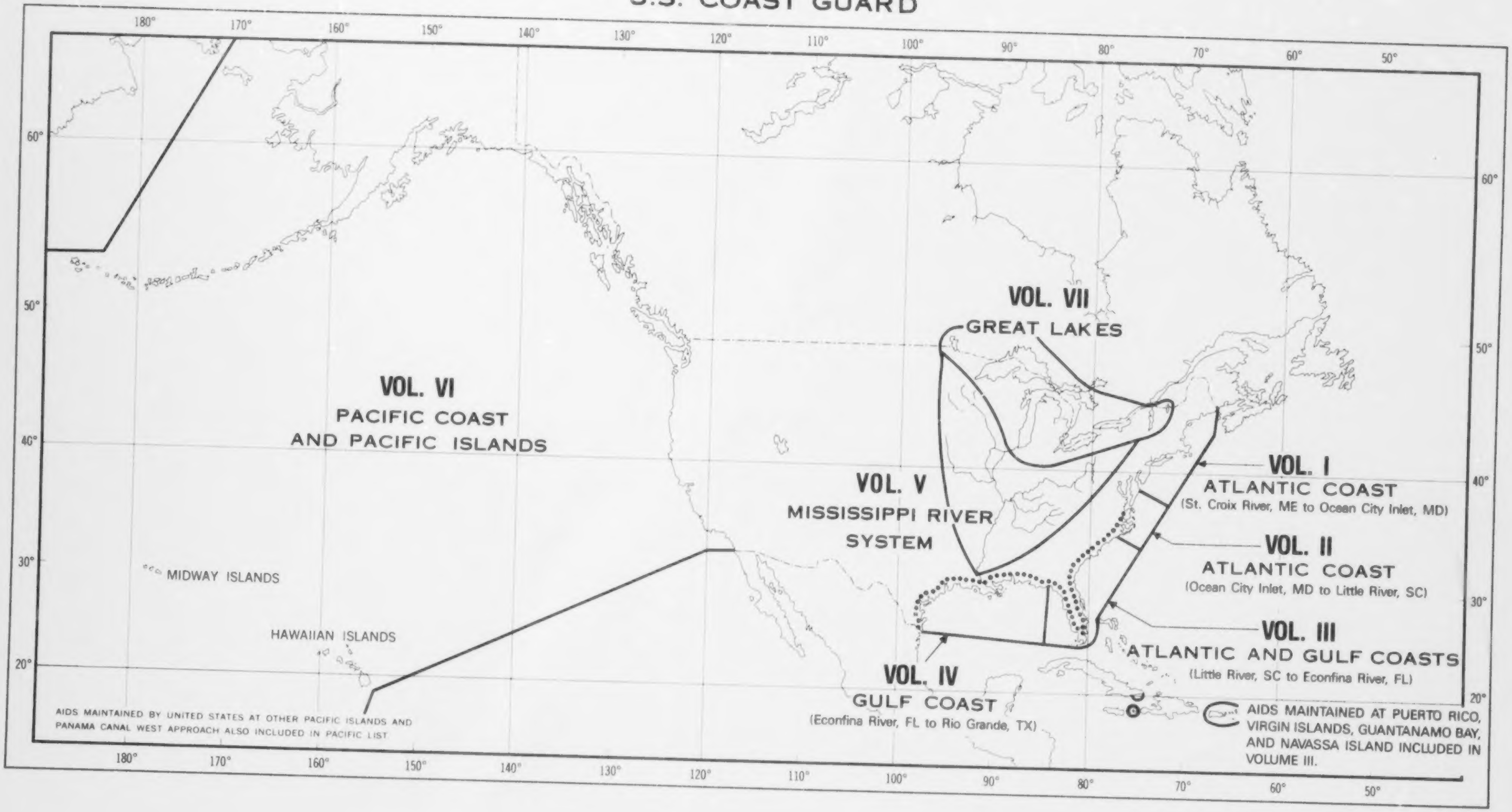
LIMITS OF LIGHT LISTS PUBLISHED BY
U.S. COAST GUARD


VOL. I
ATLANTIC COAST
(St. Croix River, ME to Ocean City Inlet, MD)
VOL. II
ATLANTIC COAST
(Ocean City Inlet, MD to Little River, SC)
VOL. III
ATLANTIC AND GULF COASTS
(Little River, SC to Econfina River, FL)
VOL. IV
GULF COAST
(Econfina River, FL to Rio Grande, TX)
VOL. V
MISSISSIPPI RIVER SYSTEM
VOL. VI
PACIFIC COAST AND PACIFIC ISLANDS
VOL. VII
GREAT LAKES
MIDWAY ISLANDS
HAWAIIAN ISLANDS
AIDS MAINTAINED BY UNITED STATES AT OTHER PACIFIC ISLANDS AND PANAMA CANAL WEST APPROACH ALSO INCLUDED IN PACIFIC LIST
AIDS MAINTAINED AT PUERTO RICO, VIRGIN ISLANDS, GUANTANAMO BAY, AND NAVASSA ISLAND INCLUDED IN VOLUME III.
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DEPARTMENT OF TRANSPORTATION, UNITED STATES COAST GUARD

LIGHT LIST

This publication contains a list of lights, fog signals, buoys, daybeacons, radiobeacons, racons and loran stations.

Volume VI

PACIFIC COAST
AND
PACIFIC ISLANDS

ELEVENTH, TWELFTH, THIRTEENTH, FOURTEENTH, AND SEVENTEENTH COAST GUARD DISTRICTS

1986 Edition

Includes:
Local Notices to Mariners issued by Coast Guard District Commanders through November 14, 1985
and
Weekly Notice to Mariners No. 50, December 14, 1985

IMPORTANT
THIS PUBLICATION SHOULD BE CORRECTED EACH WEEK FROM THE NOTICE TO MARINERS OR LOCAL NOTICE TO MARINERS AS APPROPRIATE

COMDTINST M16502.6 (OLD CG-162)

U.S. GOVERNMENT PRINTING OFFICE
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PREFACE

Lights and other marine aids to navigation maintained by or under authority of the United States Coast Guard on the Pacific Coast of the United States and Pacific Islands are listed in one volume. For the convenience of mariners, there are also included the lighted aids, fog signals and radiobeacons maintained by British Columbia which may be used by vessels proceeding directly from the United States to Alaska.

Included are all Coast Guard aids to navigation used for general navigation. Not included are Coast Guard mooring buoys and some buoys having no lateral significance such as special purpose, anchorage, fish net and dredging.

PRIVATE AIDS TO NAVIGATION

Included — Class I:	Aids to navigation on marine structures or other works which the owners are legally obligated to establish, maintain and operate as prescribed by the Coast Guard.
Included — Class II:	Aids to navigation exclusive of Class I located in waters used by general navigation.
Not included — Class III:	Aids to navigation exclusive of Class I in waters not ordinarily used by general navigation.

This list, published annually, is intended to furnish more complete information concerning aids to navigation than can be conveniently shown on charts. It is not intended to be used in navigation in place of charts or Coast Pilots and should not be so used. The charts should be consulted for the location of all aids to navigation. It may be dangerous to use aids to navigation without reference to charts

The list is corrected to date of publication shown on the title page. Changes made to aids to navigation during the year are published in Notices to Mariners. Important changes to aids are also broadcast by the United States Coast Guard through Naval or Coast Guard radio stations and other means. The navigtor should keep his Light Lists, as well as his charts and other nautical publications, corrected from these notices and should consult all notices issued after the date of publication of the light lists.

Important: This publication should be corrected weekly from the Notice to Mariners or the Local Notice to Mariners as appropriate.

Mariners and others are requested to bring to the attention of the District Commander (see p. iii) or Commandant (G-NSR-3/14), United States Coast Guard Headquarters, 2100 2nd St., S. W., Washington, D. C. 20593 any apparent errors or omissions in these lists.

The 1986 edition supercedes the 1985 edition.

RECORD OF CORRECTIONS PUBLISHED IN NOTICE TO MARINERS

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COAST GUARD DISTRICTS AND ADDRESSES OF DISTRICT COMMANDERS

NO.	ADDRESS	WATERS OF JURISDICTION
FIRST	150 Causeway Street, Boston, MA 02114 PHONE: 617-223-3634	Maine, New Hampshire, Massachusetts, and Rhode Island to Watch Hill.
SECOND	1430 Olive Street, St. Louis, MO 63103 PHONE: DAY 314-425-4605 PHONE: NIGHT 314-425-4614	Mississippi River System, except that portion of the Mississippi River south of Baton Rouge, Louisiana, and the Illinois River north of Joliet Illinois.
THIRD	Governors Island, New York, NY 10004 PHONE: DAY 212-668-7195 PHONE: NIGHT 212-668-7055	Rhode Island from Watch Hill, Connecticut, New York, New Jersey, Pennsylvania, and Delaware, not including the Chesapeake and Delaware Canal.
FIFTH	FEDERAL BUILDING, 431 Crawford Street, Portsmouth, VA 23705 PHONE: 804-398-6225	Maryland, Virginia, North Carolina, District of Columbia, and the Chesapeake and Delaware Canal.
SEVENTH	51 Southwest First Avenue, Miami, FL 33130 PHONE: 305-350-5621	South Carolina, Georgia, Florida to 83° 50′ W, and Puerto Rico and adjacent islands of the United States.
	Commander, Greater Antilles Section, U. S. Coast Guard, San Juan, PR 00903 PHONE: 809-722-5500	Immediate jurisdiction of waters of Puerto Rico and adjacent islands of the United States.
EIGHTH	Hale Boggs Federal Building, 500 Camp Street, New Orleans, LA 70130 PHONE: 504-589-6225	Florida from 83° 50′ W., thence westward, Alabama, Mississippi, Louisiana and Texas
NINTH	1240 East 9th Street, Cleveland, OH 44199 PHONE: 216-522-3991	Great Lakes and St. Lawrence River above St. Regis River.
ELEVENTH	Union Bank Building, 400 Oceangate Blvd. Long Beach, CA 90822 PHONE: 213-590-2222	California, south of latitude 34° 58′ N.
TWELFTH	Building 51, Government Island, Alameda, CA 94501 PHONE: 415-437-3506	California, north of latitude 34° 58′ N.
THIRTEENTH	Federal Bldg., 915 Second Avenue, Seattle, WA 98174 PHONE: 206-442-5876	Oregon, Washington, Idaho, and Montana.
FOURTEENTH	Prince Kalanianaole Federal Bldg., 9th Floor, 300 Ala Moana Blvd. Honolulu, HI 96850 PHONE: Day 808-546-7130 PHONE: NIGHT 808-546-7109	Hawaii and the Pacific Islands belonging to the United States west of longitude 140° W. and south of latitude 42° N.
SEVENTEENTH	P. O. Box 3 - 5000, Juneau, AK 99802 PHONE: DAY 907-586-7367 PHONE: NIGHT 907-586-2680	Alaska.

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LIGHT LIST — PACIFIC COAST AND PACIFIC ISLANDS

INTRODUCTION

Aids to navigation on the Pacific Coast are listed in one volume which includes the Eleventh, Twelfth, Thirteenth, Fourteenth, and Seventeenth Coast Guard Districts.

Arrangement. Aids to navigation are arranged in geographic order from south to north along the coast of the contintent, south to north and east to west in Alaska, and east to west for the Pacific islands. Seacoast aids are listed first, followed by entrance and harbor aids listed from seaward to the head of navigation.

Names of aids are printed as follows to help distinguish at a glance the type of aid listed;

Seacoast Lights, Secondary Lights and Large Navigational Buoys
Radiobeacons
Fog Signals
River, Harbor, And Other Lights
Lighted Buoys
Unlighted Fixed Aids and Unlighted Buoys

Light list numbers are assigned to all aids to navigation to facilitate reference in the Light List and to resolve ambiguity when aids are referred to. Aids are numbered by fives in accordance with their order of appearance in each volume of the Light List. Other numbers and decimal fractions are assigned where newly established aids are listed between previous numbered aids. The lists are renumbered periodically to assign whole numbers to all numbered aids to navigation.

International numbers are assigned to certain seacoast aids to navigation in cooperation with the International Hydrographic Organization. They consist of an alphabetic character followed by three or four numeric characters. International numbers, printed in *italics*, can be found in column one. A cross reference listing appears after the index.

Description of Columns

Column (1)	Contains the Light List number.
Column (2)	Contains the aid's name. — a dash (—) is used to indicate the geographic heading is part of the official name. When reporting defects or making reference to such aids in correspondence the full name of the aid, including geographic heading, should be given. — Bearings are in degrees true, read clock wise from 000° through 359°. — Bearings on rangelines are given in degrees and minutes The letter "(C)" indicates that the aid is maintained by Canada
Column (3)	Geographic position in latitude and longitude. — Latitude and longitude is approximate, to the nearest tenth of a minute, and is intended only to facilitate chart location of the aid.
Column (4)	Light characteristic for lighted aids.
Column (5)	Height above water — from the focal plane of the fixed light to mean high water, listed in feet. — For metric conversion see table inside rear cover.
Column (6)	Nominal range — of lighted aids in nautical miles. — Listed by color for alternating lights. — Not listed for ranges, directional lights, and private aids.
Column (7)	Structural characteristic of the aid, including; — Daymark (if any) — Description of fixed structure. — Color and type of buoy.
Column (8)	General remarks, including; — Radiobeacon signal information. — Fog signal characteristic. — RACON characteristic — Light sector's arc of visibility — Radar reflector if installed on fixed structures — Emergency lights — Seasonal remarks — Private aid identification

Abreviations used in the light lists are: (*Also see pages viii, ix, xvi*).

Al — Alternating
bl — blast
C — Canadian
ec — Eclipse
ev — Every
F — Fixed
fl — flash
Fl — Flashing
FS — Fog Signal
Fl(2) — Group flashing
G — Green
I — Interrupted
Iso — Isophase (Equal Interval)
kHz — Kilohertz
LFl — Long Flash
lt — Light
LNB — Large Navigational Buoy
MHz — Megahertz
Mo — Morse Code
Oc — Occulting
ODAS — Anchored Oceanographic Data Buoy
Q — Quick (Flashing)
Ra ref — Radar reflector
R — Red
RBN — Radiobeacon
s — seconds
si — Silent
SPM — Lighted Single Point Mooring Buoy
W — White
Y — Yellow

GEOGRAPHIC RANGE TABLE

The table following gives the approximate geographic range of visibility for an object which may be seen by an observer whose eye is at sea level; in practice, therefore, it is necessary to add to these a distance of visibility corresponding to the height of the observer's eye above sea level.

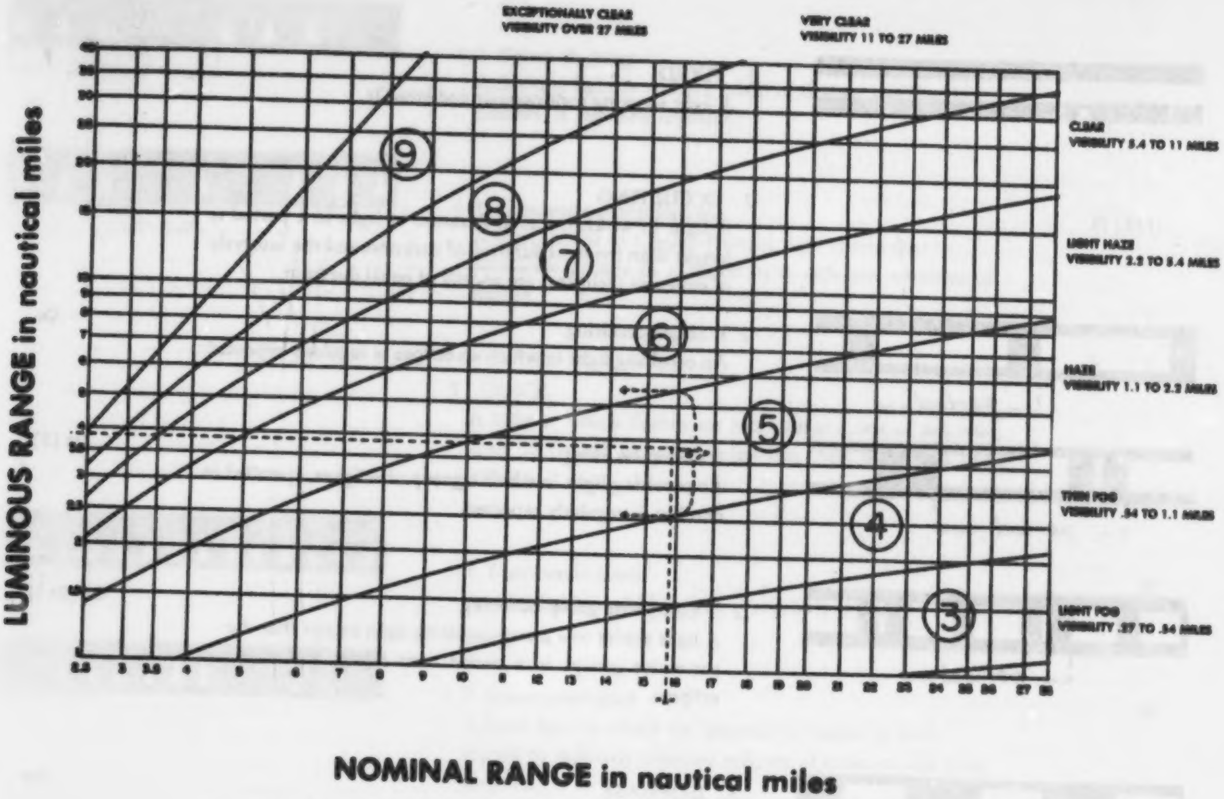
Distances of visibility for objects of various elevations above sea level.

Height		Dist.	Height		Dist.	Height		Dist.
Ft.	M.	Naut. Miles	Ft.	M.	Naut. Miles	Ft.	M.	Naut. Miles
5	1.5	2.6	70	21.3	9.6	250	76.2	18.1
10	3.1	3.6	75	22.9	9.9	300	91.4	19.8
15	4.6	4.4	80	24.4	10.2	350	106.7	21.4
20	6.1	5.1	85	25.9	10.5	400	121.9	22.9
25	7.6	5.7	90	27.4	10.9	450	137.2	24.3
30	9.1	6.3	95	29.0	11.2	500	152.4	25.6
35	10.7	6.8	100	30.5	11.4	550	167.6	26.8
40	12.2	7.2	110	33.5	12.0	600	182.9	28.0
45	13.7	7.7	120	36.6	12.5	650	198.1	29.1
50	15.2	8.1	130	39.6	13.0	700	213.4	30.3
55	16.8	8.5	140	42.7	13.5	800	243.8	32.4
60	18.3	8.9	150	45.7	14.0	900	274.3	34.3
65	19.8	9.2	200	61.0	16.2	1000	304.8	36.2

Example: Determine the geographic visibility of an object, with a height above water of 65 feet, for an observer with a height of eye of 35 feet. Enter above table;

Height of object,	65 feet	9.2 miles
Height of observer,	35 feet	6.8 miles
Computed geographic visibility		16.0 miles

LUMINOUS RANGE DIAGRAM



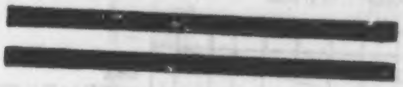
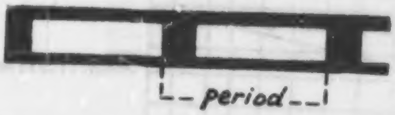
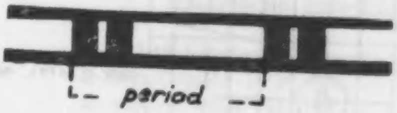
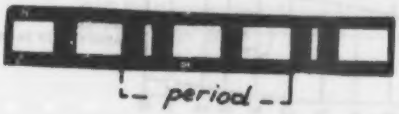
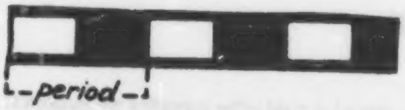
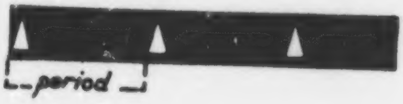
This diagram will enable the mariner to determine the approximate range at which a light may be sighted at night in the prevailing meteorological visibility. The diagram is entered from the bottom border using the *nominal range* listed in column 4 of this book. The figures along the curves represent the estimated *meteorological visibility* and those along the leftside border the luminous range under those conditions.

EXAMPLE: In order to adjust the listed nominal range of 16 nautical miles to the luminous range for Code 5 (Haze). Using the above graph the light should be visible 3.8 nautical miles, as indicated by the dotted lines "A", "B" and "C". "B" may be any point (distance) within the bracketed area, depending upon the density of the haze.

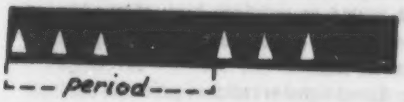
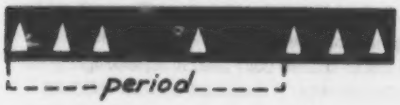
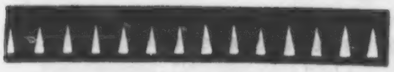
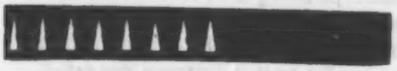
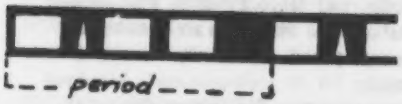
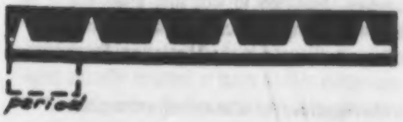
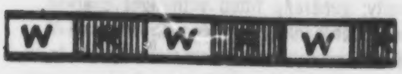
CAUTION — When using this diagram it must be remembered that:

1. The ranges obtained are approximate.
2. The transparency of the atmosphere may vary between the observer and the light.
3. Glare from background lighting will considerably reduce the range at which lights are sighted.

CHARACTER OF LIGHTS

Illustration	*Class* *Description*	*Abbreviation*
	1 . FIXED A light showing continuously and steadily.	F
	2 . OCCULTING A light in which the total duration of light in a period is longer than the total duration of darkness and the intervals of darkness (eclipses) are usually of equal duration.	
	2 .1 Single-occulting An occulting light in which an eclipse is regularly repeated	Oc
	2 .2 Group-occulting An occulting light in which a group of eclipses, specified in number, is regularly repeated.	Oc (2)
	2 .3 Composite group-occulting A light simlar to a group-occulting light except that the successive groups in a period have different numbers of eclipses.	Oc (2+1)
	3 . ISOPHASE A light in which all the durations of light and darkness are are equal.	Iso
	4 . FLASHING A light in which the total duration of light in a period is shorter than the total duration of darkness and the appearances of light (flashes) are usually of equal duration	
	4 .1 Single-flashing A flashing light in which a flash is regularly repeated (at a rate of less than 50 flashes per minute).	Fl

CHARACTER OF LIGHTS (cont.)

Illustration	*Class* *Description*	*Abbreviation*
	**4.2 Group-flashing** A flashing light in which a group of flashes, specified in number, is regularly repeated.	**Fl (3)**
	**4.3 Composite group-flashing** A light similar to a group-flashing light except that successive groups in a period have different numbers of flashes.	**Fl (3+1)**
	5. QUICK A light in which flashes are repeated at a rate of not less than 50 flashes per minute but less than 80 flashes per minute.	
	**5.1 Continuous quick** A quick light in which a flash is regularly repeated.	**Q**
	**5.2 Interrupted quick** A quick light in which the sequence of flashes is interrupted by regularly repeated eclipses of constant and long duration.	**IQ**
	**6. MORSE CODE** A light in which appearances of light of two clearly different durations (dots & dashes) are grouped to represent a character or characters in the Morse Code.	**Mo (Y)**
	**7. FIXED AND FLASHING** A light in which a fixed light is combined with a flashing light of higher luminous intensity.	**FFl**
	**8. ALTERNATING** A light showing different colors alternately.	**Al WR**

GLOSSARY OF AIDS TO NAVIGATION TERMS

The glossary consists of definitions of words and phrases used in Light Lists and Local Notice to Mariners.

Adrift: Afloat or unattached to shore or bottom.

Aids to Navigation: Any signal device external to a vessel or aircraft specifically intended to assist a navigator to determine his position or safe course, or to warn him of dangers or obstructions to navigation.

Alternating: A light showing different colors alternately, or a continuous steady light which shows a change of color.

Arc of Visibility: The portion of the horizon over which a lighted aid to navigation is visible.

Beacon: A lighted or unlighted aid to navigation attached to the earth's surface. (Lights and daybeacons both constitute "beacons".)

Bearing: The horizontal direction of a line of sight between two objects on the surface of the earth.

Bifurcation: A division of a channel into two branches, a fork.

Broadcast Notice to Mariners: Designed to provide important marine information via radio broadcasts.

Charge: To install batteries in an unmanned aid.

Characteristic: The rhythm and period of a light; the morse code signal transmitted by a radiobeacon; the number of blasts and period produced by a sound signal; the morse code letter transmitted by a RACON. Used for identifying the aid.

Commissioned: An aid previously reported withdrawn which has been placed in operation.

Daybeacon: An unlighted fixed structure which is equipped with a daymark for daytime identification.

Daymark: The daytime identifier of an aid to navigation presenting one of several standard shapes (square, triangle, rectangle) and colors.

Directional light: A light illuminating a sector or very narrow angle and intended to mark a direction to be followed.

Discontinued: To remove from operation (permanently or temporarily) a previously authorized aid.

Discrepancy: Failure of an aid to maintain its position or function as perscribed in the Light List.

Discrepancy buoy: An easily transportable buoy used to temporarily replaced an aid to navigation not watching properly.

Eclipse: A phase of the characteristic of a flashing light during which the light is not exhibited.

Establish: To place an authorized aid in operation for the first time.

Extinguished: A lighted aid which has failed to show a light signal.

Flash Tube: A discharge lamp, operated with electronic equipment, giving a high light output for a very brief period, capable of repetition.

Floating aid: A buoy, secured in its assigned position by a mooring.

Fog Detector: A device use to automatically determine condition of visibility which warrant the turning on or off of a sound signal or additional light signals.

Geographic Range: The greatest distance the curvature of the earth permits an object of a given height to be seen from a particular height of eye without regard to luminous intensity or visibility conditions.

Ice buoy: A lighted or unlighted buoy of sturdy construction that replaces a buoy more easily damaged during the winter ice season.

Inoperative: Sound signal or radionavigation aid out of service due to a malfunction.

Junction: A place of joining of two channels, as that of tributary with a main river

Large Navigational Buoy (LNB): A 40 foot diameter, automated discus shaped buoy used to replace light vessels.

Lateral System: A system of aids to navigation in which buoys, daybeacons and minor lights are assigned colors and shapes in accordance with their respective location in relation to safe water.

Leading Light: A light so located that vessels may steer directly for it until close aboard, when a new course is taken.

Light: The signal emitted by a lighted aid to navigation; a piece of illuminating apparatus; a lighted aid to navigation on a fixed structure.

Light Sector: The arc over which a light is visible described in degrees true as observed from a vessel toward the light.

Local Notice to Mariners: A written document providing information pertaining to the condition of aids to navigation and the waterways within each Coast Guard District that is of interest to the mariner.

Luminous Range: The greatest distance a light can be seen given its nominal range (luminous intensity) and the existing meteorological visibility. (*See diagram Pg. vii*)

Major Aids to Navigation: An aid of considerable intensity, reliability, and range exhibited from fixed structures or marine sites. Major aids are classified as primary or secondary and are usually manned or remotely monitored.

Meteorological Visibility: The greatest distance at which a black object of suitable dimension could be seen and recognized against the horizon sky by day.

Mileage Number: Assigned to aids and gives the distance in sailing miles along the river from a reference point to the aid. Principally used in the Mississippi River System.

Minor Aid to Navigation: An unmanned, unmonitored light on a fixed structure showing usually low to moderate intensity; generally fitted with light characteristics and dayboards in accordance with its lateral significance in the waterway.

Nominal Range: The maximum distance a light may be seen in clear weather (meteorological visibility of 10 n.m.) without regard to the curvature of the earth, height of eye or height of the light. Listed for all federal lighted aids except range lights and directional lights.

Off Shore Tower: Manned or monitored light stations built on exposed marine sites to replace light vessels.

Off Station: A floating aid not on its assigned position.

Passing Light: A term applied to a lower candlepower light mounted on a light structure. Used where a mariner passes out of the main light beam (such as a range light) but still needs to keep the structure in sight during transit.

Period: The interval of time between the commencement of the identical aspect in two successive cycles of a rhythmic light.

Primary Light: A major aid to navigation established for the purpose of making landfalls and coastwise passages from headland to headland or for marking areas dangerous to mariners.

RACON (Radar Beacon): A radionavigation system that transmits a coded signal which is displayed on the user's PPI allowing him to identify the aid and deter mine the aid's range and bearing.

Radar: An electronic system designed to transmit radio signals and receive reflected images of those signal from a "target" in order to determine the bearing and distance of the "target".

Radar Reflector: A special fixture fitted to or incorporated into the design of certain aids to navigation to enhance their ability to reflect radar energy. In general, these fixtures will materially improve the aids for use by vessels equipped with radar.

Radiobeacon: Electronic apparatus which transmits a radio signal for use in providing a mariner a line of position.

Rebuilt: A fixed aid, previously destroyed, which has been restored as an aid to navigation.

Relighted: An extinguished aid returned to its advertised light characteristics.

Relocated: Authorized movement of an aid from one position to another in the immediate vicinity.

Replaced: An aid previously OFF STATION, ADRIFT, or MISSING, restored by another aid of the same type and characteristics.

Replaced (Temporarily): An aid previously OFF STATION, ADRIFT, or MISSING, restored by another aid of different type and/or characteristic.

Reset: A floating aid previously OFF STATION, ADRIFT, or MISSING, returned to its assigned position (station).

Secondary Aid: A major light of less strategic importance and usually less intensity than a primary light; usually located in bays and at entrances to harbors.

Setting a Buoy: The act of placing a buoy on assigned position in the water.

Sector: See light sector.

Skeleton Tower: A tower, usually of steel, constructed of heavy corner members and various horizontal and diagonal bracing members.

Special Purpose Buoy: A buoy having no lateral significance used to indicate a special meaning to the mariner which must be determined from appropriate nautical documents.

Station Buoy: An unlighted buoy set near a large navigation buoy or an important buoy as a reference point should the primary aid be moved from its assigned position.

Traffic Separation Scheme: Shipping corridors marked by buoys which separate incoming from outgoing vessels. Improperly called SEA LANES.

Watching Properly: An aid on its assigned position exhibiting the advertised characteristics in all respects.

Winter Marker: A lighted or unlighted buoy without sound signal, which is established as a replacement during the winter months when other aids are withdrawn.

Winter Light: A light which is maintained during those winter months when the regular light is extinguished. It is of lower candlepower than the regular light but usually of the same characteristic.

Withdrawn: The discontinuing of a floating aid during severe ice conditions or for the winter season.

RELATED PUBLICATIONS

Other Light Lists Published By Coast Guard

VOLUME I, ATLANTIC COAST, describes aids to navigation from St. Croix River, Maine to Ocean City Inlet, Maryland.

VOLUME II, ATLANTIC COAST, describes aids to navigation from Ocean City Inlet, Maryland to Little River, South Carolina.

VOLUME III, ATLANTIC COAST AND GULF OF MEXICO, describes aids to navigation from Little River, South Carolina to Econfina River, Florida and U. S. waters of the Greater Antilles.

VOLUME IV, GULF OF MEXICO, describes aids to navigation from Econfina River, Florida to Rio Grande, Texas.

VOLUME V, MISSISSIPPI RIVER SYSTEM, describes aids to navigation on the Mississippi and Ohio Rivers and their navigable tributaries.

VOLUME VII, GREAT LAKES, describes aids to navigation maintained by the United States Coast Guard and the lighted aids maintained by Canada on the Great Lakes and the St. Lawrence River above the St. Regis River.

All Coast Guard Light Lists are for sale by the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

Charts, Coast Pilots, Tide Tables and **Current Tables** of the coast covered by Coast Guard Light Lists of the Atlantic, Gulf and Pacific Coasts and Great Lakes are published by the National Ocean Service, Rockville, MD. and are for sale by that agency and by sales agencies as listed in the Notices to Mariners. Maps and related publications for the Mississippi River System are published by the various District Engineers, United States Army, located in the area.

Radio Navigational Aids is published by the Defense Mapping Agency in two volumes, Pub 117A and 117B and provides worldwide coverage of selected radio stations that provide service for mariners. These publications list and describe radiobeacons, radio direction-finder and radar stations, radio time signals and long range navigational aids such as LORAN and OMEGA. Also included are descriptions and lists of stations transmitting radio navigation warnings, stations transmitting medical advice, and chapters on distress, emergency, and safety traffic, AMVER, miscellaneous navigational information and procedures. Discussions and instructions for use of radio navigational aids are provided. Radio Navigational Aids can be purchased from authorized Agents of the Defense Mapping Agency, Office of Distribution Services.

Notice To Mariners

Marine Broadcast Notice to Mariners (BNM) are made by the Coast Guard through Coast Guard, Navy, and some commercial radio stations to report navigational warnings containing information of importance to the safety of the navigation of vessels, such as the position of ice and derelicts, defects, and changes to aids to navigation, and drifting mines. Radio stations broadcasting marine information are listed in "Radio Navigational Aids — Pub. 117A and 117B" and Coast Pilots.

Local Notice to Mariners (LNM), published and issued weekly (more often if there is a need) by each Coast Guard district to notify mariners of local waterway information including the establishment, changes, discontinuance, and deficiencies (except temporary deficiencies that are easily correctable) of aids to maritime navigation maintained and operated by or under the authority of the Coast Guard, and other marine related items. Any person may apply to the local Coast Guard District Office (see Pg. iii) to be place on the mailing list for the "Local Notice to Mariners". The LNM is mailed to the public free of charge.

Weekly Notice to Mariners (NTM) (Worldwide Coverage) are prepared jointly by the Defense Mapping Agency Hydrographic/Topographic Center (DMAHTC), the National Ocean Service(NOS), and the U. S. Coast Guard. The NTM are published weekly by the Defense Mapping Agency to advise mariners of important matters affecting navigational safety including new hydrographic discoveries, changes in channels, and navigational aids, etc. Foreign marine information is also included in these notices. Besides keeping mariners informed, generally the information published in the Notice to Mariners is designed to simplify the correction of charts, Sailing Directions, Light Lists and other publications produced by DMA, NOS, and Coast Guard. These notices may be obtained, free of charge, upon request to the Director, Defense Mapping Agency, Office of Distribution Services, CODE: IMA, Washington, D. C. 20315.

Change of address. Persons receiving Notice to Mariners are requested to notify the appropriate agency of any change in address (giving both old and new address) or when Notice to Mariners are no longer required.

Single copies of Notice to Mariners may be obtained or reveiwed at Coast Guard District Commander Offices, National Ocean Service District Field Offices, Defense Mapping Agency Hydrographic/Topographic Center, and Customs Houses.

Reporting Defects in Aids to Navigation

Experienced mariners realize that the Coast Guard cannot keep the thousands of aids to navigation comprising the federal system under simultaneous and continuous observation and that it is impossible to maintain every aid operating properly and on its assigned position at all times. Therefore, for the safety of all mariners, any person who discovers an aid neither on its assigned position nor exhibiting its advertised characteristics should promptly notify the nearest Coast Guard District Office or other Coast Guard unit. Radio messages should be prefixed "COAST GUARD" and transmitted directly to one of the United States Government shore radio stations listed in Chapter 5, Section 500D, Radio Navigational Aids, Pub 117A and 117B.

Recommendations and Requests

Requests and recommendations pertaining to maritime aids to navigation and reports of aids no longer needed should be mailed to the District Commander concerned (see Pg. iii) or to the Commandant (G-NSR), U.S. Coast Guard, Washington, D.C. 20593.

U.S. AIDS TO NAVIGATION SYSTEM

A buoyage system consists of those aids to navigation, floating and fixed, lighted and unlighted that have been established to mark a nation's waterways. The waters of the United States are marked for safe navigation by the **lateral system of buoyage.** (*See illustration in front of book*) This system of buoyage employs a simple arrangement of colors, shapes, numbers, and light characteristics to show the side on which a buoy should be passed when proceeding in a given direction. The characteristics are determined by the position of the buoy with respect to the navigable channels as the channels are entered from seaward toward the head of navigation. As all channels do not lead from seaward, arbitrary assumptions must at times be made in order that the system may be consistently applied. The characteristics of buoys and other aids are as if a vessel were "returning from seaward" when proceeding in a westerly and southerly direction along the Maine coast, and in a southerly direction along the remainder of the Atlantic coast, in a northerly and westerly direction along the Gulf coast, in a northerly direction along the Pacific coast, and in a northerly and westerly direction in the

Great Lakes (except southerly on Lake Michigan).

On 15 April 1982, the United States agreed to make modifications to incorporate the International Association of Lighthouse Authorities (IALA) Maritime Buoyage System for Region B. Region B includes North, Central, and South America plus Japan, South Korea, and the Philippines. The U.S. lateral system is not materially changed — only details of its features. A majority of U.S. aids to navigation already conform — red buoys and daymarks to starboard, green daymarks to port. The non-conforming aids — chiefly black buoys — will be converted on a gradual basis as they are routinely replaced or serviced. All changes to aids to navigation will be published in the U.S. Coast Guard Local Notice to Mariners and where appropriate, the Defense Mapping Agency Weekly Notice to Mariners.

The description and illustration that follows is that of the U.S. AIDS TO NAVIGATION SYSTEM. Until the conversion program is completed, mariners should be familiar with both systems and alert to the fact that changes may not be immediately reflected on published charts

Colors. When proceeding from seaward:

(a) Green (black) buoys mark the port side of channels, or the location of wrecks or obstructions which must be passed by keeping the buoy on the left hand.

(b) Red buoys mark the starboard side of channels, or the location of wrecks or obstructions which must be passed by keeping the buoy on the right hand.

(c) Red and green (black) horizontally banded **preferred channel buoys** mark junctions or bifurcations in the channel, or wrecks or obstructions which may be passed on either side. If the topmost band is green (black), the preferred channel will be followed by keeping the buoy on the port hand. If the topmost band is red, the preferred channel will be followed by keeping the buoy on the starboard hand. The first color listed in column (7) is the color of the top band.

(d) Red (black) and white vertically striped **safe water buoys** mark the fairway or mid-channel.

Shapes. In order to provide ready identification certain unlighted buoys are differentiated by shape.

(a) Red buoys, or red and green (black) horizontally banded buoys with the topmost band red are conical shaped and called nun buoys.

(b) Green (black) buoys, or green (black) and red horizontally banded buoys with the topmost band black are cylindrical shaped and called can buoys.

(c) Red (black) and white vertically striped buoys are spherical shaped buoys.

Lighted buoys, sound buoys, and spar buoys are not differentiated by shape to indicate the side on which they should be passed. No special significance is attached to the shapes of these buoys, their purpose being indicated only by the color, number, or light characteristics.

Numbers. (a) All solid colored buoys are numbered, the red buoys bearing even numbers and the green (black) buoys bearing odd numbers; the numbers for each increasing from numbers where required.

(b) No other color buoys are numbered; however, any color buoy may be lettered for the purpose of identification.

Light colors. Red (or white) lights on buoys are used only on red buoys or red and green (black) horizontally banded buoys with the topmost band red. Green (or white) lights on buoys are used only on the green (black) buoys or green (black) and red horizontally banded buoys with the topmost band green (black). White lights may be used on "safe water" aids which show a Morse characteristic, and information and regulatory aids.

Light rhythmics *(See Pages viii and ix)*. (a) Lights on red buoys or green (black) buoys, if not occulting or isophase, will generally be regularly flashing. For ordinary purposes, the frequency of flashes will be not less than 50 flashes per minute (single flashing). For purposes when it is desired that lights have a distinct cautionary significance, as at sharp turns or sudden constrictions in the channel, or to mark wrecks or dangerous obstructions, the frequency of flashes will be not less than 50 flashes but less than 80 flashes per minute (continuous quick).

(b) Lights on **preferred channel buoys** will show a series of grouped flashes, specified in number with successive groups in a period having different number of flashes — composite group flashing (or a quick light in which the sequence of flashes is interrupted by regularly repeated eclipses of constant and long duration — interrupted quick flashing).

(c) Lights on **safe water buoys** will always show a white Morse Code "A" (Short-Long) flash, this combination recurring at the rate of about eight times per minute.

Daylight controls. Lighted buoys are equipped with a special device which automatically controls the electric current to the light. This device causes the light to operate during hours of darkness and to be extinguished during daylight hours. These devices are not of equal sensitivity, therefore all lights do not come on or go off at the same time. *(Mariners should ensure correct identification of aids during twilight periods when some lighted aids to navigation are on while others are not.)*

Reflective material is placed on buoys to assist in their detection at night by use of a searchlight. The color of the reflective material agrees with the buoy color.

Green reflective material is placed only on green (black) buoys, red reflective material is placed only on red buoys. Red or green reflective material will be placed on preferred channel buoys; red if topmost band is red or green if topmost band is green (black). White reflective material on buoys with lateral significance is limited to use on safe water (fairway) buoys. Special purpose buoys (which have no lateral significance) display yellow(white) reflective material. Warning or regulatory buoys display orange reflective horizontal bands and warning symbol, and intracoastal waterway display a yellow reflective horizontal strip in addition to red or green reflective material coincidental to the buoy color. *Note: As all buoys are fitted with reflective material, this information is no longer stated in Column (8).*

Special purpose buoys. (a) Buoys for special purposes are colored yellow (white buoys mark anchorage areas; white buoys with green tops are used in connection with dredging and survey operations; white and black horizontally banded buoys mark fish net areas). White and international orange buoys either horizontally banded or vertically striped, are for warning or regulatory purposes to which neither the lateral system nor the other special purpose colors apply.

(b) The shape of special purpose buoys has no significance. They are not numbered, but may be lettered. They display a yellow(amber or white) color light with fixed or slow flash characteristics preferred.

Buoys marking wrecks. Buoys established by the Coast Guard to mark wrecks are generally placed on the seaward or channel side of the wreck and as near to the wreck as conditions will permit. Caution must be exercised when navigating in the vicinity of buoys marking wrecks because, due to sea action, the wreck may shift in location between times that the buoy is established and later checked or serviced.

Station buoys. Buoys are sometimes placed in close proximity to a floating aid to mark the station in case the regular aid is accidentally shifted from station. Station buoys are colored and numbered the same as the regular aid to navigation.

Seasonal Buoys. The dates shown in the list for seasonal buoys and other aids are approximate and may vary due to adverse weather or other conditions.

Racing Course Buoys. All privately maintained race course buoys are not listed in this publication. Information concerning these buoys may be obtained from the U. S. Coast Guard District Office.

Large Navigational Buoys (LNB) are used on major aid to navigation stations and are classified as secondary aids. They generally provide the mariner with light, sound, and radiobeacon signals. Some LNB stations are also equipped with a radar beacon (RACON). The LNB has a red, 40 ft diameter hull. All of the LNB signals are remotely monitored.

A station buoy will be used with each offshore LNB. When the LNB is used in conjunction with a traffic separation scheme (TSS), the station buoy will be located so that its direction, relative to the LNB, indicates the direction of the TSS.

Caution. *All mariners are cautioned not to rely solely on buoys for navigational purposes because of their potential unreliability. Individual buoys have varying degrees of reliability because of the factors described below.*

(a) On charts, the approximate position of a buoy and its sinker is represented by the dot or circle associated with the buoy symbol. The dot or circle represents the approximate position because of practical limitations in positioning and maintaining buoys and their sinkers in precise geographical locations. These limitations include, but are not limited to, inherent imprecisions in position fixing methods, prevailing atmospheric and sea conditions, the slope of and the material marking up the seabed, the fact that buoys are moored to sinkers by varying lengths of chain, and the fact that buoy body and sinker positions are not under continuous surveillance but are normally verified only during periodic maintenance visits which often occur more than a year apart. The position of the buoy body can be expected to shift inside and outside the charting symbol due to the forces of nature. The mariner is also cautioned that buoys are liable to be carried away, shifted, capsized, sunk, etc. Lighted buoys may be extinguished or sound signals may not function as the result of ice, running ice, or other natural causes, collisions, or other accidents.

(b) So as not to endanger the safety of his vessel, a mariner is cautioned that he must not rely completely upon the position or operation of buoys to determine the position of his vessel. A prudent mariner also utilizes bearings or angles from fixed aids to navigation and objects on shore, when available, as well as other sources of navigational information such as soundings, RDF, etc. Also, a vessel attempting to pass close aboard risks collision with a yawing buoy or with the obstruction the buoy marks. (33CFR 62.25-55).

LIGHTS ON FIXED STRUCTURES

General. Fixed structures are aids to navigation placed on shore or on marine sites to assist a navigator in determining his position or safe course, to mark channels and to warn him of dangers or obstructions to navigation. They are identified by their light color and flashing characteristics at night, and by the shape and color of their daymark during daytime. Vessels must keep well clear of fixed aids if there is sufficient channel to do so because there may be dangerous underwater obstructions present in the vicinity of the foundation of the aid.

Lights unless otherwise stated in the Light List, will be displayed from sunset to sunrise. Occasionally in some locations they may be displayed for a short period before sunset and after sunrise due to prolonged twilight or low visibility.

The lighting apparatus used on fixed structures is serviced at periodic intervals to assure reliable operation.

Daylight controls. Lighted aids to navigation are extinguished automatically during daylight hours by switches activated by daylight. These switches are not of equal sensitivity, therefore all lights do not come on or go off at the same time. *(Mariners should ensure correct identification of aids during twilight periods when some lighted aids to navigation are on while others are not.)*

Oil well structures in navigable waters are not shown in the Light List. The structures are shown on the coast charts of the Pacific Coast. Information concerning the location and characteristics of those which display lights and sound fog signals not located in obstruction areas are published in Local and/or Weekly Notice to Mariners.

In general, during the nighttime, a series of white lights are displayed extending from the platform to the top of the derrick when drilling operations are in progress. At other times, they are usually marked with one or more fixed or quick flashing white or red lights, visible for at least one nautical mile during clear weather. Obstructions which are a part of the appurtenances to the main structure, such as mooring piles, anchor and mooring buoys, etc., normally are not lighted. In addition, some of the structures are equipped with fog signals (bell, siren, whistle, or horn). When operating, bells sound one stroke every 15 seconds, while sirens, whistles, or horns sound a single two-second blast every 20 seconds.

A notation is made in the body of the Light Lists for those areas in which oil well structures exist. Since such structures may be established without the mariner having been informed thereof by advance notice to mariners, special caution should be exercised while navigating in these areas.

Minor lights and daybeacons. Minor lights and daybeacons used to mark the sides of channels are given numbers and characteristics in accordance with the lateral system of buoyage.

Caution. The condition of the atmosphere has a considerable effect upon the distance at which lights can be seen. Sometimes lights are obscured by fog, haze, dust, smoke, or precipitation which may be present at the light, or between it and the observer, but not at the observer, and which is possibly unknown to him. On the other hand, refraction may often cause a light to be seen farther than under ordinary circumstances. A light of low intensity will be easily obscured by unfavorable conditions of the atmosphere and little dependence can be placed on it being seen. For this reason, the intensity of a light should always be considered when expecting to sight it in thick weather. Haze and distance may reduce the apparent duration of the flash of a flashing light. In some conditions of the atmosphere white lights may have a reddish hue. Colored lights are more quickly lost to sight under weather conditions which tend to reduce visibility than are white lights.

It should be remembered that lights placed at great elevations are more frequently obscured by clouds, mist, and fog than those near sea level.

In regions where ice conditions prevail in the winter, the lantern panes of unattended lights may become covered with ice or snow, which will greatly reduce the visibility of the lights and may also cause colored lights to appear white.

The increasing use of brilliant shore lights for advertising, illuminating bridges, and other purposes, may cause marine navigational lights, particularly those in densely inhabited areas, to be outshone and difficult to distinguish from the background lighting. Mariners are requested to report such cases in order that steps may be taken to improve the conditions.

The "loom" of a powerful light is often seen beyond the limit of visibility of the actual rays of the light. The loom may sometimes appear sufficiently sharp to obtain a bearing.

At short distances, some flashing lights may show a faint continuous light between flashes.

The distance of an observer from a light cannot be estimated by its apparent intensity. Always check the characteristics of lights in order that powerful lights visible in the distance shall not be mistaken for nearby lights showing similar characteristics of low intensity (such as those on lighted buoys).

If lights are not sighted within a reasonable time after prediction, a dangerous situation may exist requiring prompt resolution or action to insure the safety of the vessel.

The apparent characteristic of a complex light may with the distance of the observer. For example, a light which actually displays a characteristic of fixed white varied by flashes of alternating white and red (the rhythms having a decreasing range of visibility in the order: flashing white, flashing red, fixed white) may, when first sighted in clear weather, show as a simple flashing white light. As the vessel draws nearer, the red flash will become visible and the characteristic will apparently be alternating flashing white and red. Later, the fixed white light will be seen between the flashes and true characteristic of the light finally recognized - fixed white, alternating flashing white and red (F W Al Fl W & R).

There is always the possibility of a light being extinguished. In the case of unattended lights, this condition might not be immediately detected and corrected. The mariner should immediately report this condition. (see page xii).

Emergency lights. Emergency lights of reduced intensity are displayed from many major light stations when the main and stand-by lights are extinguished; these emergency lights may not have the same characteristic as the main light. The characteristic of the emergency lights are listed in column (8) of this publication, if the characteristic is different from main light.

If a vessel has considerable vertical motion due to pitching in a heavy sea, a light sighted on the horizon may alternately appear and disappear. This may lead the unwary to assign a false characteristic and hence to err in its identification. The true characteristic will be evident after the distance has sufficiently decreased or it can be determined by increasing the height of eye of the observer.

Sectors of colored glass are placed in the lanterns of some lights to produce a system of light sectors of different colors. In general, red sectors are used to mark shoals or to warn the mariner of other obstructions, to navigation or of nearby land. Such lights provide approximate bearing information since an observer may note the change of color as he crosses the boundary between sectors. These boundaries are indicated in the Light Lists and by broken lines on the charts. These bearings, as all bearings, referring to lights, are given as true in degrees from 000° to 359° as oberved from a vessel *toward the light*. Altering course on the changing sectors of a light or using the boundaries between light sectors to determine the bearing for any purpose is not recommended. Be guided instead by the correct compass bearing of the light and do not rely on being able to accurately observe the point at which the color changes. This is often difficult to decide because the edges of a colored sector cannot be cut off sharply. On either side of the line of demarcation between white and red or green sectors there is always a small arc of uncertain color. Moreover, when haze or smoke are present in the intervening atmosphere, a white sector might have a reddish hue.

The area in which a light can be observed is normally a circle with the light as the center and the range of visibility as bearings the range may be reduced by obstructions. In such cases, the obstructed arc might differ with height of eye and distance. When a light is cut off by adjoining land and the arc of visibility is given, the bearing on which the light disappears may vary with the distance of the vessel from which observed and with the the height of eye. When the light is cut off by a sloping hill or point of land, the light may be seen over a wider arc by a ship far off than by one close to.

Circles drawn on charts around a light are not intended to give information as to the distance at which it can be seen, but solely to indicate, in the case of lights which do not show equally in all directions, the bearings between which the variation of visibility or obstruction of the light occurs. Lights of equal intensity but of different colors may be seen at different distances. This fact should be considered not only in predicting the distance at which a light can be seen, but also in identifying it.

At many lights, rip-rap mounds are maintained to protect the structures against ice damage and scouring action. There have been collisions with the uncharted, submerged portions of such rip-rap by vessels attempting to pass the lights extremely close aboard.

DAYBEACONS

Daybeacons are unlighted fixed aids to navigation placed on shore or on marine sites. They are identified by their color and the shape of the daymark. Reflective borders are placed on daybeacons to assist the navigator, using a searchlight, to more readily locate them at night. The color of reflectors have the same significance as the color of the aid.

In order to describe the appearance and purpose of each daymark type in the Lateral System a standard designation has been formulated. A brief explanation of the designations and of the purpose of each type of daymark in the system is given below, followed by a word description of the appearance of each daymark type.

Designations:

1. First letter	Shape or Purpose
S — Square	used to mark the port (left) side of channels when proceeding from seaward
T — Triangle	used to mark the starboard (right) sides of channels when proceeding from seaward).
J — Preferred Channel	(square or triangle) used to mark junctions or bifurcations in the channel, or wrecks or obstructions which may be passed on either side; shape of daymark color of top band has lateral significance for the preferred channel.
M — Safe Water	(octagon-shaped) used to mark the fairway or middle of the channel.
C — Crossing	(Western Rivers only) diamond shaped, used to indicate the points at which the channel crosses the river.
K —Range	(rectangular-shaped) when both the front and rear range daymarks are aligned on the same bearing the observer is on the axis of the range. Usually used to mark the center of the channel.
N — No lateral significance	(diamond or rectangular-shaped) used for special purpose, warning, distance, or location markers).

2. Second letter — Key color

B — Black
R — Red
G — Green
W — White
Y — Yellow

3. Third letter (range daymarks only) — Color of center vertical stripe.

4. Additional information required after a dash (—)

— I	Intracoastal Waterway	a yellow, reflective horizontal strip on a daymark having lateral significance indicates that the daymark marks the Intracoastal Waterway).
—SY	Dual Purpose	a yellow, reflective square on the daymark has lateral significance as a square daymark for the Intracoastal Waterway. The lateral significance of the daymark for the other waterway is given by the shape and color of the daymark itself.

—TY	**Dual Purpose**	a yellow, reflective triangle on the daymark is used to indicate lateral significance as a triangle daymark for the Intracoastal Waterway. The lateral significance of the daymark for the other waterway is indicated by the shape and color of the daymark itself.

Example: The designation KRW—I indicates a range daymark (K); key color red (R); with a white vertical stripe (W); in the Intracoastal Waterway (—I).

Descriptions:

SG	Square-shaped green daymark with a green reflective border.
SG—I	Square-shaped green daymark with a green reflective border, and with a yellow reflective horizontal strip.
SG—SY	Square-shaped green daymark with a green reflective border, and with a yellow reflective square.
SG—TY	Square-shaped green daymark with a green reflective border, and with a yellow reflective triangle.
TR	Triangular-shaped red daymark with a red reflective border.
TR—I	Triangular-shaped red daymark with a red reflective border, and with a yellow reflective horizontal strip.
TR—SY	Triangular-shaped red daymark with a red reflective border, and with a yellow reflective square.
TR—TY	Triangular-shaped red daymark with a red reflective border, and with a yellow reflective triangle.
JG	Square-shaped daymark bearing horizontal bands of green and red, green band topmost, with a green reflective border.
JG—I	Square-shaped daymark bearing horizontal bands of green and red, green band topmost, with a green reflective border, and with a yellow reflective horizontal strip.
JG—SY	Square-shaped daymark bearing horizontal band of green and red, green band topmost, with a green reflective border, and with a yellow reflective square.
JG—TY	Square-shaped daymark bearing horizontal bands of green and red, green band topmost, with a green reflective border, and with a yellow reflective triangle.
JR	Triangular-shaped daymark bearing horizontal bands of red and green, red band topmost, with a red reflective border.
JR—I	Triangular-shaped daymark bearing horizontal bands of red and green, red band topmost, with a red reflective border, and with a yellow reflective strip.
JR—SY	Triangular-shaped daymark bearing horizontal bands of red and green, red band topmost, with a red reflective border, and with a yellow reflective square.
JR—TY	Triangular-shaped daymark bearing horizontal bands of red and green, red band topmost, with a red reflective border, and with a yellow reflective triangle.
MR	Octagonal-shaped daymark bearing vertical stripes of white and red, with a white reflective border.
MR—I	Octagonal-shaped daymark bearing vertical stripes of white and red, with a white reflective border, and with a yellow reflective horizontal strip.
CG	Diamond-shaped green daymark bearing small green diamond shaped reflectors at each corner.
CR	Diamond-shaped red daymark bearing small red diamond shaped reflectors at each corner.
KBG	Rectangular-shaped black daymark bearing a central green vertical stripe.
KGB—I	Rectangular-shaped black daymark bearing a central green vertical stripe, and with a yellow reflective horizontal strip.
KBR	Rectangular-shaped black daymark bearing a central red vertical stripe.
KBR—I	Rectangular-shaped black daymark bearing a central red vertical stripe, and with a yellow reflective horizontal strip.
KBW	Rectangular-shaped black daymark bearing a central white vertical stripe.
KBW—I	Rectangular-shaped black daymark bearing a central white vertical stripe, and with a yellow reflective horizontal strip.
KGB	Rectangular-shaped green daymark bearing a central black vertical stripe.
KGB—I	Rectangular-shaped green daymark bearing a central black vertical stripe, and with a yellow reflective horizontal strip.
KGR	Rectangular-shaped green daymark bearing a central red vertical stripe.
KGR—I	Rectangular-shaped green daymark bearing a central red vertical stripe, and with a yellow reflective horizontal strip.
KGW	Rectangular-shaped green daymark bearing a central white vertical stripe.
KGW—I	Rectangular-shaped green daymark bearing a central white vertical stripe, and with a yellow reflective horizontal strip.
KRB	Rectangular-shaped red daymark bearing a central black vertical stripe.
KRB—I	Rectangular-shaped red daymark bearing a central black vertical stripe, and with a yellow reflective horizontal strip.
KRG	Rectangular-shaped red daymark bearing a central green vertical stripe.
KRG—I	Rectangular-shaped red daymark bearing a central green vertical stripe, and with a yellow reflective horizontal strip.
KRW	Rectangular-shaped red daymark bearing a central white vertical stripe.
KRW—I	Rectangular-shaped red daymark bearing a central white vertical stripe, and with a yellow reflective horizontal strip.
KWB	Rectangular-shaped white daymark bearing a

	central black vertical stripe.
KWB—I	Rectangular-shaped white daymark bearing a central black vertical stripe, and with a yellow reflective horizontal strip.
KWG	Rectangular-shaped white daymark bearing a central green vertical stripe.
KWG—I	Rectangular-shaped white daymark bearing a central green vertical stripe, and with a yellow reflective horizontal strip.
KWR	Rectangular-shaped white daymark bearing a central red vertical stripe.
KWR—I	Rectangular-shaped white daymark bearing a central red vertical stripe, and with a yellow reflective horzontal strip.
NB	Diamond-shaped special purpose daymark divided into four diamond-shape colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners black.
NG	Diamond-shaped special purpose daymark divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners green.
NR	Diamond-shaped special purpose daymark divided into four diamond-shaped colored sectors with the sectors at the side corners white and the sectors at the top and bottom corners red.
NW	Diamond-shaped white warning daymark with an orange reflective border with word or words describing the nature of the danger.
ND	Rectangular-shaped white mileage marker with black numerals indicating the mile number.
NL	Rectangular-shaped white location marker with black letters indicating the location, and with an orange reflective border.
NY	Diamond-shaped special purpose daymark with a yellow reflective border.

These abbreviated descriptions are used in column (7) and may also be found on the illustrations of aids to navigation.

FOG SIGNALS

General. The function of a fog signal in the system of aids to navigation is to warn of danger, and to provide the mariner with a practical means of determining his position with relation to the fog signal at such times as the station or any visual signal which it displays is obscured from view by fog, snow, rain, smoke, or thick weather. Among the devices in common use as fog signals are:

Diaphones which produce sound by means of a slotted reciprocating piston actuated by compressed air. Blasts may consist of two tones of different pitch, in which case the first part of the blast is high and the last of a low pitch. These alternate pitch signals are called "two-tone."

Diaphragm horns which produce sound by means of a diaphragm vibrated by compressed air, steam, or electricity. Duplex or triplex horn units of differing pitch produce a chime signal.

Sirens which produce sound by means of either a disk or a cup-shaped rotor actuated by compressed air or electricity.

Whistles which produce sound by compressed air emitted through a circumferential slot into a cylindrical bell chamber.

Bells which are sounded by means of a hammer actuated by hand, by a descending weight, compressed gas, or electricity.

Gongs which produce sounds of varying tones activated by motion.

Identification. Fog signals are distinguished by their characteristics as specified for each aid. The signal characteristic is the phase relationship of the recurring sound emissions. Fog signals on fixed stations, large navigational buoys, and lightships produce a specific number of blasts and silent periods each minute, when operating, to provide positive identification. Fog signals on buoys are generally actuated by the motion of the sea and, therefore do not emit regular signal characteristics, and when the sea is calm, may emit no sound signals.

Periods of operation. (a)Fog signals at stations when a continuous watch is maintained are sounded during periods of reduced visibility.

(b) Fog signals at locations where no personnel are in attendance may be in continuous operation or may be controlled by electronic fog sensing device. Due to the nature of the fog sensing device, there may be a delay in automatic turning on and off. Additionally, these fog sensing devices may not be capable of detecting patchy fog conditions.

(c)Where fog signals are operated continuously on a seasonal basis or throughout the year, it is so stated in Column (8) of the light list.

(d) Fog signals on buoys are generally operated by the motion of the sea.

Caution: *Fog signals depend upon the transmission of sound through air. As aids to navigation, they have certain inherent defects that should be considered. Sound travels through the air in a variable and frequently unpredictable manner.*

It has been clearly established that:

(a) Fog signals are heard at greatly varying distances and that the distance at which a fog signal can be heard may vary with the bearing of the signal and may be different on occasions.

(b) Under certain atmospheric conditions, when a fog signal has a combination high and low tone, it is not unusual for one of the tones to be inaudible. In the case of sirens, which produce a varying tone, portions of the signal may not be heard.

(c)There are occasionally areas close to the signal, in which it is wholly inaudible. This is particularly true when the fog signal is screened by intervening land or other obstruction, or on a high cliff.

(d) Fog may exist a short distance from a station and not be observable from it, so the signal may not be in operation.

(e) Some fog signals cannot be started at a moments notice.

(f) Even though a fog signal may not be heard from the deck or bridge of a ship when the engines are in motion, it may be heard when the ship is stopped, or from a quiet position. Sometimes it may be heard from aloft though not on deck.

(g) The intensity of the sound emitted by a fog signal may be greater at a distance than in the immediate proximity.

All these considerations point to the necessity for the utmost caution when navigating near land in a fog. Mariners are therefore warned that fog signals can never be implicitly relied upon, and that the practice of taking soundings of the depth of water should never be neglected. Particular attention should be given to placing lookouts in positions in which the noises in the ship are least likely to interfere with hearing a fog signal. **Fog signals are valuable as warnings but the mariner should not place implicit reliance upon them in navigating his vessel. They should be considered solely as warning devices.**

Emergency fog signals. Emergency fog signals are sounded at some of the light and fog signal stations when the main and stand-by fog signal is inoperative. Some of these emergency fog signals are of a different type and characteristic than the main fog signal. The characteristics of the emergency fog signals are listed in column (8) of this publication.

The mariner must not assume:

(a) That he is out of ordinary hearing distance because he fails to hear the fog signal.

(b) That, because he hears a fog signal faintly, he is at a great distance from it.

(c) That he is near to it because he hears the sound plainly.

(d) That the distance from and the intensity of the sound on any one occasion is a guide to him for any future occasion.

(e) That the fog signal is not sounding because he does not hear it, even when in close proximity.

RADAR REFLECTORS

Certain aids to navigation may be fitted with or have incorporated in their design special fixtures (radar reflectors) designed to enhance their ability to reflect radar energy. In general, these fixtures will materially improve the aids for use by vessels equipped with radar. As most buoys are equipped with radar reflectors, only fixed structures, which are being equipped with this feature, will be noted in column (8) of the light list.

RACONS

A radar beacon which, when triggered by a ship's radar signal, transmits a reply which provides the range and bearing to the beacon on the PPI display of the ship. The reply may be coded for identification purposes; in which case, it will consist of a series of dots and dashes (ie; short and/or long intensifications of radar beam beginning at and extending beyond the racon on a radial line drawn from the radar through the target) on the PPI. The range is the measurement on the PPI to the first dot or dash nearest its center. If the reply is not coded, the racon signal will appear as a radial line extending from just beyond the reflected echo of the racon installation or from just beyond the point where the echo would be painted if detected. RACON characteristics can be found in column (8).

Note: The coded response of racons installed in the United States may not be received if the radar set is adjusted by the operator to remove interference or sea return from the PPI scope. Mariners are advised to turn off the interference controls of their radar when reception of a racon signal is desired.

RADIOBEACONS

The Coast Guard operates about 200 radiobeacons located at lighthouses, lightships, large navigation buoys and along the coasts; all positions being charted.

In order to use this system, the mariner needs a radio direction finder, which is a specially designed radio receiver with a directional antenna. This antenna is used to determine the direction of the signal being emitted by the shore station, relative to his vessel.

The basic value of the radiobeacon system lies in its availability in all weather, its simplicity of operation, and its relatively low user costs. The general problems and practices of navigation when using radiobeacons are very similar to those encountered when using visual bearings of lighthouses or other charted objects.

A radiobeacon is basically a short range navigational aid, with ranges from 10 to 175 nautical miles. Although bearings can be obtained at greater ranges, they will be of doubtful accuracy and should be used with caution. When the distance to a radiobeacon is greater than 50 miles, a correction is usually applied to the bearing before plotting on a mercator chart. These corrections, as well as information on accuracy of bearings, plotting, and other matters, are contained in Defense Mapping Agency Hydrographic/Topographic Center publication H.O. 117 (Radio Navigational Aids).

All radiobeacons operated and maintained by the U. S. Coast Guard are classified as either Sequenced or Continuous.

The characteristic identifiers assigned to marine radiobeacons in this country have been limited to a brief and simple combination of dots and dashes much like our lights along the coast, except that radiobeacons have a 10-second dash at the end of each operating minute to allow a mariner to refine his bearing. Also, the identifying signal of all marine radiobeacons is superimposed on a continuous carrier to facilitate their use by navigators having automatic direction finders.

Special operation of radiobeacon stations for calibration of direction finders. Special radio direction finder calibration transmitters of short range are operated at certain localities to provide continuous calibration service. These stations with information as to positions, frequency, characteristic, etc., are listed on Page xxii. The position given for the antenna is the point from which the radiobeacon signal is emitted.

If it is not practicable to determine the time of calibration sufficiently in advance to contact the district commander, request may be made directly to the stations by means of telephone, telegraph, or a whistle signal consisting of three long blasts followed by three short blasts, this whistle signal is to be repeated until it is acknowledged by the station through the starting of the transmitter. The same group of signals should be sounded at the termination of calibration.

If attention of station personnel is not attracted by the whistle signals, hoist the international code signal "OQ — *I am calibrating radio direction finder . . . .*" indicating a request for radio direction finder calibration.

The work of the station personnel is not confined to standing watch and there may be times when the signals for calibration are not immediately heard or seen due to the noise from operating station machinery, etc. Usually, a repeated signal not too far from the station will attract attention.

Service range is determined by the strength of the radiated signal. Field strength requirements for a given service range vary with latitude, being higher in the southern latitudes. The actual useful range may vary considerably from the service range with different types of radio direction finders and during various atmospheric conditions.

Interference may result from either distant radiobeacons or from other government radio stations operating on or near the same frequency. Any vessels observing radiobeacon interference should promptly report it to the nearest Coast Guard District Commander or to the Commandant (G-NRN-3/14), United States Coast Guard Headquarters, 2100 2nd St., S. W., Washington, D. C. 20593. Include in such reports information regarding the date, time, identifying characteristic, strength of the interfering signals, and vessel's position. These interference reports are important and cooperation from the mariner in this respect will assist the Coast Guard in improving the radiobeacon service.

RADIO DIRECTION FINDERS

Accuracy of radio direction finders is dependent upon the skill of the operator, the equipment used, and radio wave interference. Skill in operations of a manual radio direction finder can be acquired only through practice and by following the operating instructions provided with the equipment. An understanding of adverse conditions and direction finding limitations will be an asset to the prudent navigator.

Erroneous radio direction finder bearings may result from the following conditions:

(a) Currents induced in the direction finder antenna by re-radiation from the structural features of the vessel's superstructure and distortion of the radio wave front due to the physical dimensions and contour of the vessel's hull.

(b) Night effect caused by the combination of two radio wave fronts arriving at the receiver simultaneously. One wave travels directly from the transmitter to the direction finder and is called the ground wave. The other is a downcoming radio wave reflected off the ionosphere and is called the skywave. This effect is more predominant around the time of morning and evening twilight, but it remains throughout the night on the low frequency band. On higher frequencies a similar effect exists during the day as well as at night. Beyond the normal groundwave range, only the skywave is received.

Bearings taken around the periods of morning and evening twilight and at night should be treated or accepted with doubt as to their accuracy.

Since the skywave itself is complex in nature it should not be used with a conventional direction finder.

(c) Lateral deviation of the radio wave can occur when the great circle route between the transmitter and the receiver is roughly parallel to a coastline or passes over a coastline. Bearings that are within 10 to 15 degrees of a coastline should not be trusted. Likewise, bearings taken when a land mass is between the transmitter and the vessel should be used with caution.

(d) Most direction finders have a vertical sensing antenna to eliminate any possibility of a 180 degree error in reading. Such an ambiguity is possible in all direction finders if the sensing circuits should become inoperative.

Conclusions: Correct direction finder calibration will compensate for errors caused by induced currents eand vessel configuration. The usual method of calibration is to obtain a series of simultaneous inoperative. radio and visual bearings on the transmitter. This may be done while a ship swings at anchor, or more quickly by steaming in a circle within sight of the transmitting antenna. It is essential that radio direction finders be accurately calibrated; therefore, recalibration should be made after any changes to the ship's structure or rigging or whenever there is reason to believe the previous calibration has become inaccurate. The direction finder should be calibrated by competent personnel.

Before taking bearings on a commercial station broadcasting entertainment programs, the mariner should consider:

(a) The operating frequency of the station may differ widely from frequency for which the direction finder is calibrated.

(b) The broadcast antenna may be remote from the broadcast station and,

(c) The majority of these stations are inland. Accordingly, the use of broadcast stations to obtain a direction finder bearing is not recommended.

Due to the many factors which enter into the transmission and reception of radio signals, a ship cannot estimate with any degree of accuracy its distrance from a radiobeacon by the strength of the received signals.

A vessel steering a course of a radiobeacon should observe the same precautions that apply when steering for a light or any other mark. If the radiobeacon is a buoy or off-shore platform, particular care should be exercised to avoid the possibility of collision. Sole reliance should never be placed on sighting the buoy or light station or listening for a fog signal in time to avoid a collision.

As a further aid to assure proper direction finder operation, the mariner should check, whenever possible, the accuracy of the direction finder against visual bearings. This will afford the operator practice and confidence in his equipment as well as an operational check of the direction finder itself.

All mariners using U. S. Coast Guard radiobeacon transmissions for navigation of their vessel must understand the limitations of the direction finding equipment and the possible erroneous bearings due to causes outside the control of the U. S. Coast Guard. In order to understand the limitations and capabilities of his direction finder, the mariner must understand the following definitions:

(a) **Sensitivity** is defined as a measure of the ability of a receiver to detect transmissions. All direction finder receivers do not have the same sensitivity; some will receive a radiobeacon signal at its rated range while others will not be able to hear the same signal until they are closer to the radiobeacon transmitter. For example, some direction finders have a sensitivity of 50 microvolts per meter on the radiobeacon band which means they are capable of homing on a radio signal whose intensity is 50 microvolts or more. A direction finder, having a sensitivity of 100 microvolts per meter, will be unable to receive a radiobeacon signal rated at 50 microvolts per meter at 100 miles until 25 miles from the radiobeacon station. At 25 miles, the signal strength of the transmitted signal is 100 microvolts per meter, which is equal to the sensitivity of the receiver. From the foregoing, it can be seen that the sensitivity of a direction finder determines the degree to which the full capability of the radiobeacon system can be utilized. Mariners should bear this fact in mind when selecting equipment.

(b) **Selectivity** is a measure of the ability of a receiver to choose one frequency and reject all others. The extent of selectivity will vary with the type of receiver and its condition. The transmitted radiobeacon signal is normally composed of two frequencies that are seperated by 1020 hertz (ie. 286.00 kHz and 287.020 kHz). A direction finder capable of accepting only this narrow band of frequencies would be ideal. If a direction finder accepts a wide band of frequencies (ie. 280 to 292 kHz when tuned to 286 kHz), it will admit more noise and more undesired signals. This additional interference may reduce the usefulness of the desired signal, and effectively decrease the maximum range of reception of the radiobeacon.

The marine radiobeacon system is based on direction finder selectivity specifications as follows:

Frequency Deviation From resonant frequency (kHz)*	DB below resonance response	Approximate signal ratios for rejection of undesired
+- 2	3	1.4
+- 3	12	4.0
+- 4	25	17.5
+- 6	50	300.0
+- 9	70	3,000.0
+- 12	80	10,000.0

* Resonant frequency to which the receiver is tuned.

Errors in bearing may result in a radio direction finder if its selectivity is poor. For example: a bearing is desired on radiobeacon transmitting on 286 kHz and having a field intensity of 50 microvolts per meter at 100 miles. Assume that a ten mile continous radiobeacon is operating on 292 kHz as shown in the Direction Finder Diagram. The direction finder is located near the extreme service range of both transmitters.

Using the desired selectivity tables shown previously, a direction finder, with these characteristics can distinguish between the two frequencies. The desired 286 kHz radiobeacon signal affects the direction finder 300 times more than the undesired marker radiobeacon signal. If the selectivity were half as good, the desired 268 kHz signal would affect the direction finder only four times more than the undesired 292 kHz signal. The resultant bearing obtained would probably be some value between the two radiobeacons.

SPECIAL RADIO DIRECTION FINDER CALIBRATION STATIONS

All stations transmit continuously during the time required for calibration with keyed tone modulated carrier (H2A emission), except where noted, and have a reliable range of 5 miles. Their assigned characteristic is transmitted twice followed by a 20-second dash. The complete sequence being repeated twice per minute. The antenna is located on the light structure. In the event special calibration service interferes with the operation of regular radiobeacon transmission, the special calibration service will not be given.

Special calibration operation will be made only upon request in advance to the district commander in whose district the calibration station is located, the address and district limits of which are listed on pg. iii. The day, time, and frequency on which special calibration service is desired must be stated. If service is desired on both frequencies listed, the time that transmission on each frequency is desired must be specified. Upon arrival at the station on the date and hour specified, station personnel may be contacted by means of the usual whistle signal or flag hoist.

Station	Position		Frequency (kHz)	Characteristic
	Latitude, N. ° ′ ″	Longitude, W. ° ′ ″		
Los Angeles Light Station, CA[1]	33 42 30	118 15 02	311 480	M2 (■■ ●●■■■)
Point Blunt Light, CA[7]	37 51 10	122 25 04	310	N2 (■● ●●■■■)
Alki Point Light Station, WA[3]	47 34 35	122 25 10	300 480	O2 (■■■ ●●■■■)
Guard Island Light Station, AK	55 26 47	131 52 45	294 480	Q2 (■■●■ ●●■■■)
Barbers Point Light, HA[5]	21 18 00	158 06 06	310 480	BP (■●●● ●■■●)
Point Loma Light, CA[6]	32 39 54	117 14 30	311 480	Y2 (■●■■ ●●■■■)
Albert Head Light, B.C.[2]	48 23 13	123 28 36	300	T (■)
Point Atkinson Light, B.C.[2]	49 19 50	123 15 48	320	T (■)
Fort Stevens Wharf Light, OR[4]	46 12 24	123 57 00	293 480	K3 (■●■ ●●●■■)

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[1] Request for special calibration service may be made to C.G. Base Terminal Island or Commander(oan), Eleventh Coast Guard District Long Beach, CA.

[2] On request through Victoria Marine Radio, VAK.

[3] On request through Commander(oan), Thirteenth Coast Guard District, Seattle, WA.

[4] On request through Coast Guard Station Astoria, or submit letter to Commander(oan), Thirteenth Coast Guard District Seattle, WA.

[5] On request through Coast Guard Communications Station Honolulu, Air Station Barbers Point or submit letter to Commander(oan), Fourteenth Coast Guard District Honolulu, HA.

[6] On request through Coast Guard Air Station San Diego, or Commander(oan), Eleventh Coast Guard District, Long Beach, CA.

[7] On request through Coast Guard Group San Francisco, CA.

RADIOBEACON SYSTEM
PACIFIC COAST AND PACIFIC ISLANDS
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SEQUENCED

Freq kHz		Station	Characteristic	Range (n. m.)	Lat. (N) ° ′ ″	Long. (W) ° ′ ″
288	I	CAPE FLATTERY	P (● ■ ■ ●)	100	48 23 30	124 44 08
	II	JAMES ISLAND	JI (● ■ ■ ■ ● ●)	50	47 54 16	124 38 46
	III	CARMANAH (Can)	D (■ ● ●)	35	48 36 43	124 45 01
	IV	AMPHITRITE POINT (Can)	A (● ■)	50	48 55 31	125 32 25
296	I-IV	SANDS HEAD (Can)	A (● ■)	20	49 06 22	123 18 06
	II-V	POINT ATKINSON (Can)	V (● ● ● ■)	30	49 19 51	123 15 49
	III-VI	SISTERS ISLAND (Can)	M (■ ■)	30	49 29 13	124 26 00
302	I-IV	POINT LOMA	L (● ■ ● ●)	150	32 39 59	117 14 34
	II-V	LOS ANGELES	A (● ■)	70	33 42 31	118 15 03
	III-VI	POINT ARGUELLO	O (■ ■ ■)	150	34 34 42	120 38 34
304	I	CAPE ARAGO	Y (■ ● ■ ■)	50	43 20 29	124 22 27
	III	WILLAPA BAY	UT (● ● ■ ■)	20	46 44 03	124 04 38
	IV	CAPE DISAPPOINTMENT	O (■ ■ ■)	50	46 16 35	124 03 02
	V	CAPE BLANCO	OE (■ ■ ■ ●)	100	42 50 18	124 33 48
	VI	YAQUINA HEAD	W (● ■ ■)	50	44 40 36	124 04 02
308	I-IV	LANGARA POINT (Can)	H (● ● ● ●)	60	54 15 23	133 03 30
	II-V	TRIPLE ISLAND (Can)	O (■ ■ ■)	50	54 17 35	130 52 50
	III-VI	BONILLA ISLAND (Can)	L (● ■ ● ●)	60	53 29 34	130 38 08
314	II	POINT WILSON	Q (■ ■ ● ■)	30	48 08 40	122 45 12
	III	SMITH ISLAND	G (■ ■ ●)	20	48 19 06	122 50 33
	IV	RACE ROCKS (Can)	J (● ■ ■ ■)	40	48 17 53	123 31 48
	V	NEW DUNGENESS	U (● ● ■)	30	48 10 54	123 06 30
318	I	LENNARD ISLAND (Can)	K (■ ● ■)	30	49 06 38	125 55 20
	II-V	QUATSINO (Can)	B (■ ● ● ●)	50	50 26 29	127 01 51
	IV	PINE ISLAND (Can)	P (● ■ ■ ●)	40	50 58 33	127 43 35

MARKER

Freq kHz	Station	Lat. (N) ° ′ ″	Long. (W) ° ′ ″
304	WHIFFIN SPIT (Can)	48 21 31	123 42 36
310	CAPE BEALE (Can)	48 47 12	125 12 51
310	LOOKOUT ISLAND (Can)	49 59 53	127 26 52
298	GODKIN POINT (Can)	50 53 44	127 55 40

RADIOBEACON SYSTEM
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CONTINUOUS

Freq kHz	Station	Characteristic	Range (n. m.)	Lat. (N) ° ′ ″	Long. (W) ° ′ ″
207	EGG ISLAND (Can)	UEM (● ● ■ ● ■ ■)	25	51 14 58	127 49 57
218	PRINCE RUPERT (Can)	PR (● ■ ■ ● ● ■ ●)	100	54 15 49	130 25 20
233	VICTORIA (Can)	YJ (■ ● ■ ■ ● ■ ■ ■)	70	48 37 45	123 19 05
248	DEAD TREE POINT (Can)	Z (■ ■ ● ●)	25	53 21 01	131 56 23
285	NEWPORT BAY	NE (■ ● ●)	15	33 35 18	117 52 43
286	CAPE SPENCER	T (■)	200	58 11 58	136 38 17
286	BLUNTS REEF LIGHTED HORN BUOY B	BR (■ ● ● ● ● ■ ●)	15	40 26 25	124 30 15
286	PIGEON POINT	PI (● ■ ■ ● ● ●)	40	37 10 51	122 23 36
288	SAN LUIS OBISPO	SL (● ● ● ● ■ ● ●)	20	35 09 45	120 45 35
289	MARINA DEL REY	MR (■ ■ ● ■ ●)	10	33 57 46	118 27 40
290	POINT PINOS	P (● ■ ■ ●)	10	36 38 02	121 55 58
292	CAPE ST. JAMES (Can)	YCJ (■ ● ■ ■ ■ ● ■ ● ● ■ ■ ■)	100	51 56 10	131 00 52
292	CAPE HINCHINBROOK	W (● ■ ■)	100	60 14 18	146 38 48
292	DANA POINT	DP (■ ● ● ● ■ ■ ●)	15	33 27 15	117 41 26
292	POINT REYES	R (● ■ ●)	10	37 59 45	123 01 20
292	TRINIDAD HEAD	TR (■ ● ■ ●)	15	41 03 15	124 08 58
294	SANTA BARBARA	SB (● ● ● ■ ● ● ●)	10	34 24 24	119 41 36
294	SANTA CRUZ HARBOR	SC (● ● ● ■ ● ■ ●)	10	36 57 38	122 00 03
295	FIVE FINGERS	D (■ ● ●)	60	57 16 18	133 37 42
296	CHETCO RIVER	B (■ ● ● ●)	20	42 02 49	124 16 01
296	LONG BEACH	LB (● ■ ● ● ■ ● ● ●)	10	33 43 23	118 11 10
296	POINT BONITA	B (■ ● ● ●)	10	37 48 55	122 31 42
298	CAPE ST. ELIAS	O (■ ■ ■)	150	59 47 48	144 36 18
298	MOSS LANDING HARBOR	ML (■ ■ ● ■ ● ●)	10	36 48 24	121 47 15
300	HUMBOLDT BAY	H (● ● ● ●)	50	40 45 54	124 13 54
302	ETHELDA BAY (Can)	TC (■ ■ ● ■ ●)	125	53 03 05	129 41 12
305	SAN FRANCISCO APPROACH LIGHTED HORN BUOY SF	SF (● ● ● ● ● ■ ●)	15	37 45 00	122 41 30
307	AVALON	AV (● ■ ● ● ● ■)	10	33 20 56	118 19 29
307	FORT BRAGG	N (■ ●)	20	39 25 51	123 48 29
308	CHANNEL ISLAND	CI (■ ● ■ ● ● ●)	10	34 09 21	119 13 35
310	MORRO BAY	M (■ ■)	15	35 21 46	120 52 08
310	ST. GEORGE REEF	SG (● ● ● ■ ■ ●)	20	41 50 13	124 23 46
314	FARALLON ISLAND	F (● ● ■ ●)	50	37 41 48	123 00 02
314	ST. PAUL	SPY (● ● ● ● ■ ■ ● ■ ● ■ ■)	150	57 09 30	170 13 36
314	VENTURA MARINA	VM (● ● ● ■ ■ ■)	15	34 14 46	119 16 09

RADIOBEACON SYSTEM
PACIFIC COAST AND PACIFIC ISLANDS
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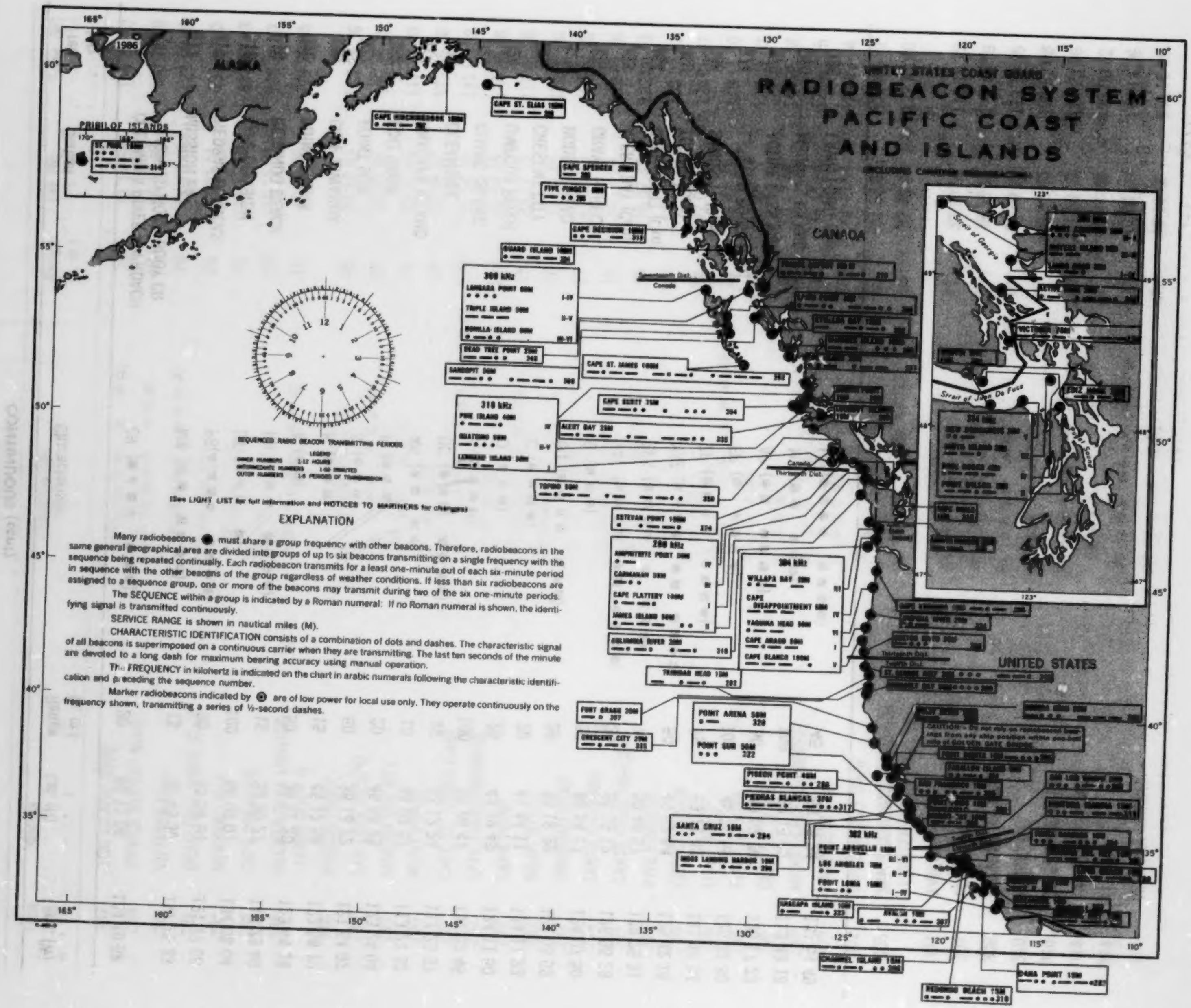
CONTINUOUS (cont)

Freq kHz	Station	Characteristic	Range (n. m.)	Lat. (N) ° ' "	Long. (W) ° ' "
316	COLUMBIA RIVER APPROACH LIGHTED HORN BUOY CR.	CR (■●■● ●■●)	20	46 11 06	124 10 58
317	MISSION BAY	MB (■■ ■●●●)	15	32 45 30	117 15 33
317	PIEDRAS BLANCAS	PB(●■■● ■●●●)	30	35 39 54	121 17 06
318	CAPE DECISION	UT (●●■ ■)	100	56 00 07	134 08 04
319	REDONDO BEACH	RB (●■● ■●●●)	15	33 50 27	118 23 40
320	POINT ARENA	A (●■)	50	38 57 20	123 44 28
320	CAPE KIWANDA	K (■●■)	15	45 12 58	123 58 12
322	POINT SUR	S (●●●)	50	36 18 22	121 54 02
322	EDIZ HOOK	K (■●■)	20	48 08 25	123 24 04
323	ANACAPA ISLAND	AN (●■ ■●)	10	34 00 57	119 21 32
323	OCEANSIDE	OC (■■■ ■●■●)	10	33 12 24	117 23 37
324	GUARD ISLAND	J (●■■■)	100	55 26 47	131 52 45
324	UMPQUA RIVER	U (●●■)	20	43 39 49	124 11 50
325	CRESENT CITY	C (■●■●)	20	41 44 11	124 11 23
325	BODEGA HEAD	BO (■●●● ■■■)	20	38 18 39	123 03 52
325	GRAYS HARBOR	G (■■●)	50	46 54 17	124 07 50
335	ALERT BAY (Can)	YAL (■●■■ ●■ ●■●●)	24	50 35 12	126 55 28
354	CAPE SCOTT (Can)	ZES (■■●● ● ●●●)	75	50 46 57	128 25 31
359	TOFINO (Can)	YAZ (■●■■ ●■ ■■●●)	50	49 02 54	125 42 16
368	SANDSPIT (Can)	ZP (■■●● ●■■●)	75	53 11 48	131 46 33
374	ESTEVAN POINT (Can)	EP (● ●■■●)	100	49 22 59	126 32 30
378	ACTIVE PASS (Can)	AP (●■ ●■■●)	50	48 52 26	123 17 23
380	McINNES ISLAND (Can)	MS (■■ ●●●)	100	52 15 42	128 43 18
385	LAWN POINT (Can)	LZ (●■●● ■■●●)	45	53 25 24	131 54 49


UNITED STATES COAST GUARD
RADIOBEACON SYSTEM
PACIFIC COAST
AND ISLANDS
(INCLUDING CANADIAN INFORMATION)
ALASKA
CANADA
UNITED STATES
PRIBILOF ISLANDS
ST. PAUL 10M
CAPE HINCHINBROOK 100M
CAPE ST. ELIAS 100M
CAPE SPENCER 200M
FIVE FINGER 60M
CAPE DECISION 100M
GUARD ISLAND 100M
300 kHz
LANGARA POINT 50M I-IV
TRIPLE ISLAND 50M II-V
BONILLA ISLAND 60M III-VI
DEAD TREE POINT 25M 248
SANDSPIT 50M 300
CAPE ST. JAMES 100M
CAPE SCOTT 75M 304
ALERT BAY 25M 235
310 kHz
PINE ISLAND 40M IV
QUATSINO 50M II-V
LENNARD ISLAND 50M I
TOFINO 50M 359
ESTEVAN POINT 100M 374
290 kHz
AMPHITRITE POINT 50M IV
CARMANAH 30M III
CAPE FLATTERY 100M I
JAMES ISLAND 50M II
COLUMBIA RIVER 20M 316
304 kHz
WILLAPA BAY 20M III
CAPE DISAPPOINTMENT 50M IV
YAQUINA HEAD 50M VI
CAPE ARAGO 50M I
CAPE BLANCO 100M V
TRINIDAD HEAD 10M 282
FORT BRAGG 20M 307
CRESCENT CITY 20M 335
POINT ARENA 50M 320
POINT SUR 50M 322
PIGEON POINT 40M 286
PIEDRAS BLANCAS 35M 317
SANTA CRUZ 10M 294
MOSS LANDING HARBOR 10M 296
302 kHz
POINT ARGUELLO 100M III-VI
LOS ANGELES 75M II-V
POINT LOMA 100M I-IV
ANACAPA ISLAND 10M 323
AVALON 10M 307
CHANNEL ISLAND 15M 288
REDONDO BEACH 15M 310
DANA POINT 10M 287
CAUTION - Do not rely on radiobeacon bearings from any ship position within one-half mile of GOLDEN GATE BRIDGE
Seventeenth Dist.
Canada
Thirteenth Dist.
Twelfth Dist.
Strait of Georgia
Strait of Juan De Fuca
Puget Sound
VICTORIA 30M
SEQUENCED RADIO BEACON TRANSMITTING PERIODS
LEGEND
INNER NUMBERS 1-12 HOURS
INTERMEDIATE NUMBERS 1-60 MINUTES
OUTER NUMBERS 1-6 PERIODS OF TRANSMISSION
1986
165°
160°
155°
150°
145°
140°
135°
130°
125°
120°
115°
110°
60°
55°
50°
45°
40°
35°
123°
49°
48°
47°

(See LIGHT LIST for full information and NOTICES TO MARINERS for changes)

EXPLANATION

Many radiobeacons ● must share a group frequency with other beacons. Therefore, radiobeacons in the same general geographical area are divided into groups of up to six beacons transmitting on a single frequency with the sequence being repeated continually. Each radiobeacon transmits for a least one-minute out of each six-minute period in sequence with the other beacons of the group regardless of weather conditions. If less than six radiobeacons are assigned to a sequence group, one or more of the beacons may transmit during two of the six one-minute periods.

The SEQUENCE within a group is indicated by a Roman numeral: If no Roman numeral is shown, the identifying signal is transmitted continuously.

SERVICE RANGE is shown in nautical miles (M).

CHARACTERISTIC IDENTIFICATION consists of a combination of dots and dashes. The characteristic signal of all beacons is superimposed on a continuous carrier when they are transmitting. The last ten seconds of the minute are devoted to a long dash for maximum bearing accuracy using manual operation.

The FREQUENCY in kilohertz is indicated on the chart in arabic numerals following the characteristic identification and preceding the sequence number.

Marker radiobeacons indicated by ⊙ are of low power for local use only. They operate continuously on the frequency shown, transmitting a series of ½-second dashes.

LORAN-C

Loran (an acronym for LO*ng* RA*nge Navigation*) is a radio-navigation system which operates on the principle that the difference in the time of arrival from two precisely synchronized transmitting stations describes a hyperbolic line-of-position (LOP). This time difference is measured with a Loran receiver, and converted into geographic LOP's by the use of nautical charts overprinted with Loran lines, or Loran tables. Since at least two LOP's must be determined to establish a position fix, the user must be within the range of two pairs of transmitting stations, or as is normally the case, a Loran chain whereby a centrally-located station serves as a common station with the other stations in the chain. This station is called the master station (designated M) and the other stations, secondaries, are designated by the letters W, X, Y, or Z. The only operating Loran system in the United States is Loran-C. Developed in the late 1950's, Loran-C operates on a frequency of 100 kHz. Each Loran-C chain operates on a different group repetition interval (GRI). This allows the operator to make at least two time difference (TD) measurements without changing channels on his receiver. The low frequency of Loran-C permits usable ground-wave signals over several hundreds of miles.

Loran-C signals are transmitted in groups of pulses at a specified GRI. The secondary stations transmit groups of eight pulses, while the master station transmits an extra ninth pulse which is used for identification purposes. This pulse is also used for acquisition by automatic Loran-C receivers. Each Loran-C pulse contains a 100 kHz carrier wave which is time synchronized. The Loran-C GRI rate structure is such that a GRI of between 40,000 and 99,990 microseconds is chosen for each chain The chain designations are 4-digit numbers which indicate the GRI in tens of microseconds. For example, the Northeast U. S. Loran-C chain is designated 9960 and has a GRI of 99,600 microseconds.

The accuracy of a Loran-C fix is determined by the accuracy of the individual lines-of-position used to establish the fix, as well as by their crossing angle of intersection. The accuracy of the individual line-of-position depends upon the following factors:

(a) Synchronization of the transmitting stations.

(b) Skill of the operator.

(c) Type of receiver and its condition.

(d) Skill in plotting the line-of-position.

(e) Uncertainty of skywave correction when such waves are used.

(f) Position of user relative to the transmitting stations.

(g) Accuracy of tables and charts.

Some special Loran-C receivers employ a Coordinate Converter function, and are designed to internally compute the latitude and longitude and directly display these values. This eliminates the need for charts overprinted with Loran-C time difference lines. *(CAUTIONARY NOTE: The lat/long computation on some models is based upon an all seawater propagation path. This leads to errors if the Loran-C signals from the various stations involve appreciable overland propagation paths. It is recommended that operators using Coordinate Converters check the manufacturers operating manual to determine if and how corrections are to be applied to compensate for the overland paths.)* Each Loran-C rate is continuously monitored to determine if proper synchronization is being maintained. When the synchronization error exceeds the advertised tolerance, the user is advised by the blinking of the first two pulses of the affected secondary and is thereby warned not to use the signal for navigational use. The first two pulses of the affected secondary are blinked at a four-second cycle: about 3.6 seconds off and about .4 seconds on. The blink signal will cause most receivers to indicate by an alarm that the navigational data displayed is in error. Mariners should check equipment manuals to determine if their receivers are equipped with a Blink Alarm and, if not should exercise caution when near known hazards or when in restricted waters.

Loran-C position determination on or near the baseline extensions are subject to significant errors and, therefore, should be avoided whenever possible. The use of skywaves is not recommended within 250 miles of a station being used, and corrections for these areas are not usually tabulated.

Loran-C charts, which are conventional navigation charts overprinted with loran time difference LOP's for plotting Loran-C position fixes, may be purchased from Distribution Branch (N/CG33) National Ocean Service, Riverdale, MD 20737. Loran tables for calculating the geographic position from time difference measurements may be purchased from Defense Mapping Agency Hydrographic/Topographic Center, Washington, DC 20315. The U. S. Coast Guard operates the Loran-C system.

The techniques for identifying Loran-C signals are explained in Publication No. 9 - The American Practical Navigator; Publication No. 216 - Air Navigation; Loran-C User Handbook (M16562.3); and in various Loran receiving equipment manuals and in the Loran Tables (Pub. 221 series). A familiarity with these techniques is necessary to avoid problems and to make the best of the Loran-C System.

LORAN-C RECEIVERS

There are many types of Loran-C receivers available. They employ various techniques for acquiring and tracking Loran-C signals and indicating the time difference or position information to the user. To be useful, a Loran-C receiver should be capable of receiving signals within the Coast Guard's advertised coverage for U.S. coastal areas and be capable of measuring positions within the accuracy advertised for Loran-C. Such a receiver should have the following charateristics:

(a) It acquires the Loran-C signals automatically, without the use of an oscilloscope.

(b) It identifies master and secondary groundwave pulses automatically, and accomplishes cycle matching on all eight pulses of each master-secondary pair used.

(c). It tracks the signals automatically once they have been acquired.

(d) It displays two time-difference readings, to a precision of at least one tenth of a microsecond.

(e) It has notch filters to minimize the effects of radio frequency interference in the area of its operation.

(f) It automatically detects blinks and alerts the operator.

Proper Loran-C receiver installation is necessary to ensure optimum results. Some of the essential items of good Loran-C receiver installation are:

(a) **ANTENNA** - Use of the correct antenna and antenna coupler. Mount the antenna as high as possible and away from metal objects, stays and other antennas. Do not connect any other equipment to the Loran-C antenna.

(b) **GROUNDING** - Connect both the antenna coupler and the receiver to a good ground. At lower operating frequencies, such as Loran-C at 100 kHz, the proper grounding becomes more critical.

(c) **INTERFERENCE SUPPRESSION** - Electrical and electronic interference, or noise can come from many sources, both on aboard the vessel as well as from the surrounding environment. Onboard noise comes from anything that generates or uses electricity. It is a more severe problem at 100 kHz than at higher frequencies and must be suppressed for good results from Loran-C. Alternators, generators, ignition systems, electric motors, flourescent lights, radars, and television sets are examples of interfering sources. Interference suppression may include installation of filters, shields, grounds, and capacitors. Interference suppression should be accomplished with the vessel engine running.

(d) **RECEIVER PLACEMENT** - The Loran-C receiver must be protected from excessive heat, dampness, salt spray, and vibration. Do not mount the receiver in direct sunlight or within one meter of your magnetic compass, and provide adequate ventilation.

LORAN-C INTERFERENCE

Interference to Loran-C may result from radio transmissions by public or private sources operating near the Loran-C band of 90-110 kHz. Anyone using the Loran-C system, who observes interference to Loran-C, should promptly report it to one of the Coast Guard commands listed below. Include in such reports information regarding the date, time, identifying characteristic, strength of the interfering signals and your vessels position. These interference reports are very important and cooperation from users of Loran-C will assist the Coast Guard in improving Loran-C service.

Atlantic Ocean and Gulf of Mexico
Commander (Aon)
Atlantic Area, U.S. Coast Guard
Governors Island
New York, NY 10004

Pacific Ocean
Commander (Ptl)
Pacific Area, U.S. Coast Guard
Government Island
Alameda, CA 94501

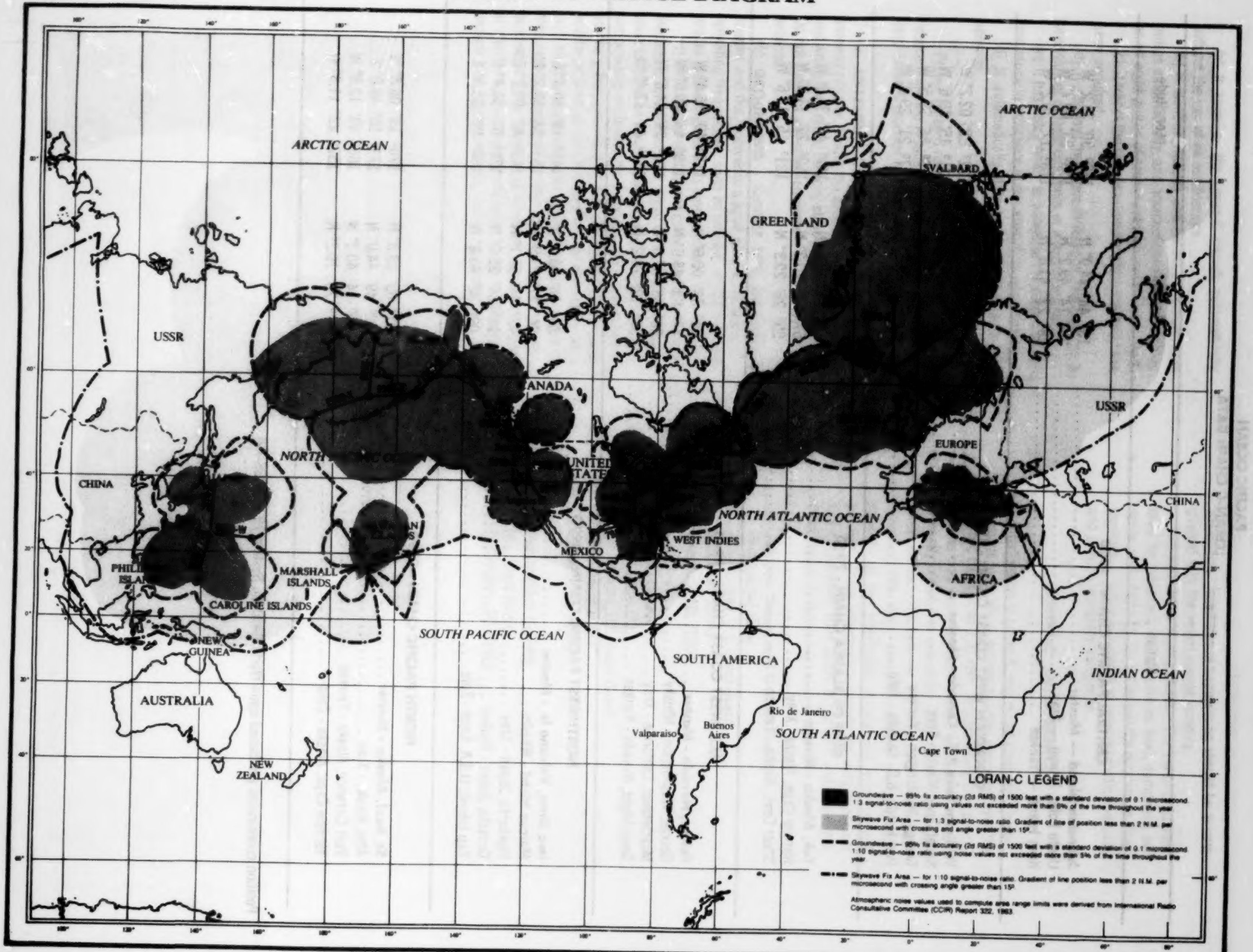
Commandant (G-NRN)
U.S. Coast Guard
Washington, DC 20593

PACIFIC OCEAN
LORAN-C CHAIN DATA

Station	Latitude	Longitude
CENTRAL PACIFIC CHAIN - 4990		
Johnston Island — Master	16° 44′ 44.0″ N	169° 30′ 31.2″ W
Upolu Point, Hawaii — Xray	20° 14′ 49.2″ N	155° 53′ 09.7″ W
Kure Island — Yankee	28° 23′ 41.8″ N	178° 17′ 30.2″ W
CANADIAN WEST COAST CHAIN - 5990		
Williams Lake B.C., Canada - Master	51° 57′ 58.8″ N	122° 22′ 02.2″ W
Shoal Cove, Alaska - Xray	55° 26′ 20.9″ N	131° 15′ 19.6″ W
George, Washington - Yankee	47° 03′ 48.0″ N	119° 44′ 39.5″ W
Port Hardy, B.C., Canada - Zulu	50° 36′ 29.7″ N	127° 21′ 29.0″ W
GULF OF ALASKA CHAIN - 7960		
Tok, Alaska - Master	63° 19′ 42.8″ N	142° 48′ 31.9″ W
Narrow Cape, Alaska - Xray	57° 26′ 20.2″ N	152° 22′ 11.3″ W
Shoal Cove, Alaska - Yankee	55° 26′ 20.9″ N	131° 15′ 19.6″ W
U.S. WEST COAST CHAIN - 9940		
Fallon, Nevada - Master	39° 33′ 06.6″ N	118° 49′ 56.4″ W
George, Washington - Whisky	47° 03′ 48.0″ N	119° 44′ 39.5″ W
Middletown, California - Xray	38° 46′ 57.0″ N	122° 29′ 44.5″ W
Searchlight, Nevada - Yankee	35° 19′ 18.2″ N	114° 48′ 17.4″ W
NORTHWEST PACIFIC CHAIN - 9970		
Iwo Jima, Volcano Is. - Master	24° 48′ 03.6″ N	141° 19′ 30.3″ E
Marcus Island - Whisky	24° 17′ 07.9″ N	153° 58′ 53.2″ E
Hokkaido, Japan - Xray	42° 44′ 37.1″ N	143° 43′ 09.2″ E
Gesashi, Japan - Yankee	26° 36′ 25.0″ N	128° 08′ 56.4″ E
Yap Island, U.S.A. Trust - Zulu	09° 32′ 45.8″ N	138° 09′ 55.0″ E
NORTH PACIFIC CHAIN - 9990		
St. Paul, Alaska - Master	57° 09′ 12.3″ N	170° 15′ 06.8″ W
Attu, Alaska - Xray	52° 49′ 44.0″ N	173° 10′ 49.0″ E
Port Clarence, Alaska - Yankee	65° 14′ 40.3″ N	166° 53′ 12.6″ W
Narrow Cape, Alaska - Zulu	57° 26′ 20.2″ N	152° 22′ 11.3″ W

Position coordinates are based upon World Geodetic System 1972 (WGS-72).

LORAN COVERAGE DIAGRAM


ARCTIC OCEAN
ARCTIC OCEAN
SVALBARD
GREENLAND
USSR
USSR
CANADA
UNITED STATES
EUROPE
CHINA
CHINA
NORTH PACIFIC OCEAN
NORTH ATLANTIC OCEAN
WEST INDIES
MEXICO
AFRICA
PHILIPPINE ISLANDS
MARSHALL ISLANDS
CAROLINE ISLANDS
NEW GUINEA
SOUTH PACIFIC OCEAN
SOUTH AMERICA
INDIAN OCEAN
AUSTRALIA
Rio de Janeiro
Valparaiso
Buenos Aires
SOUTH ATLANTIC OCEAN
Cape Town
NEW ZEALAND

LORAN-C LEGEND

■ Groundwave — 95% fix accuracy (2d RMS) of 1500 feet with a standard deviation of 0.1 microsecond 1:3 signal-to-noise ratio using values not exceeded more than 5% of the time throughout the year.

▨ Skywave Fix Area — for 1:3 signal-to-noise ratio. Gradient of line of position less than 2 N.M. per microsecond with crossing and angle greater than 15°.

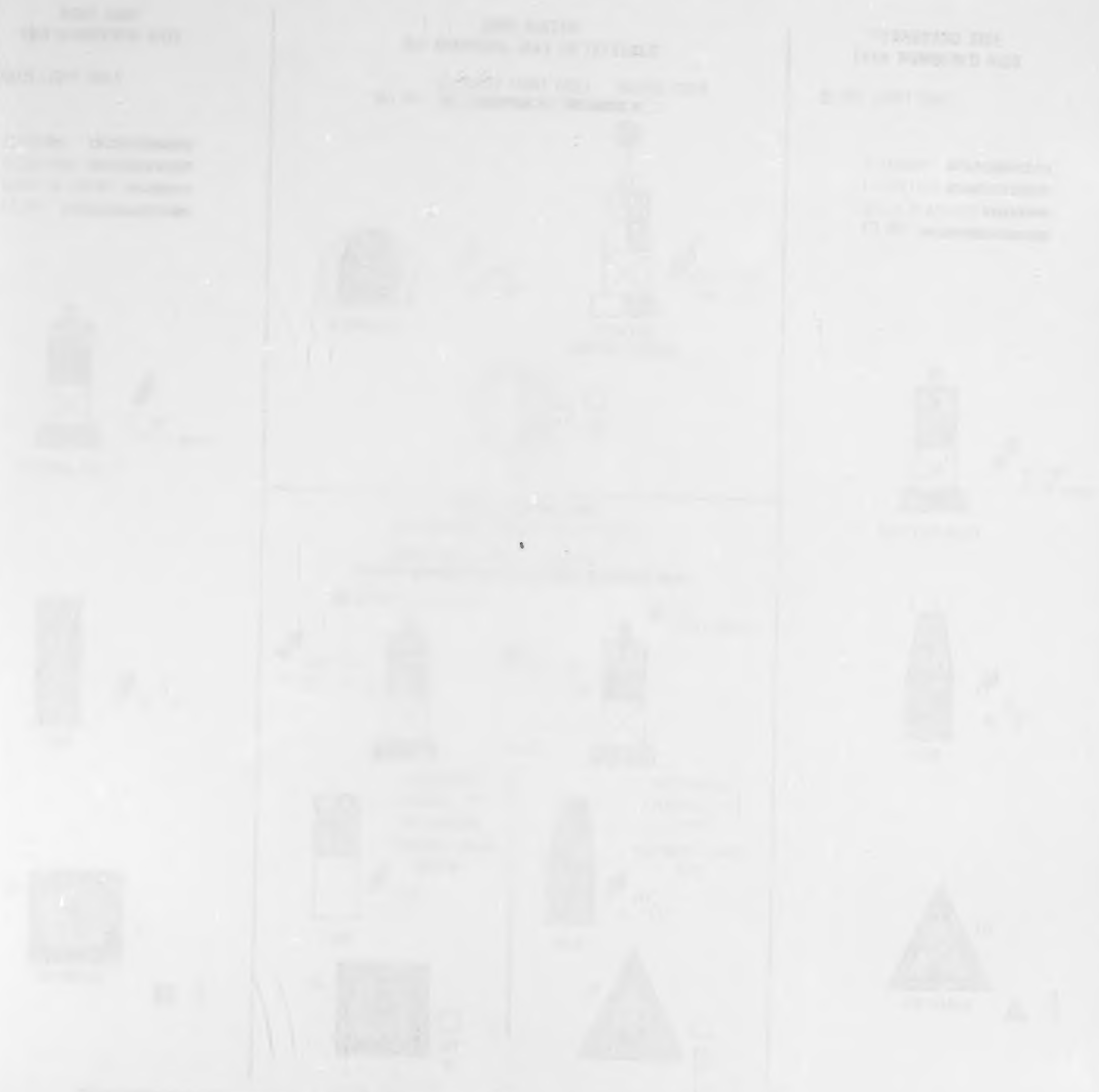
— — Groundwave — 95% fix accuracy (2d RMS) of 1500 feet with a standard deviation of 0.1 microsecond 1:10 signal-to-noise ratio using noise values not exceeded more than 5% of the time throughout the year.

—·— Skywave Fix Area — for 1:10 signal-to-noise ratio. Gradient of line position less than 2 N.M. per microsecond with crossing angle greater than 15°.

Atmospheric noise values used to compute area range limits were derived from International Radio Consultative Committee (CCIR) Report 322, 1963.

MODIFIED U.S. AID SYSTEM

LATERAL AIDS AS SEEN ENTERING FROM SEAWARD

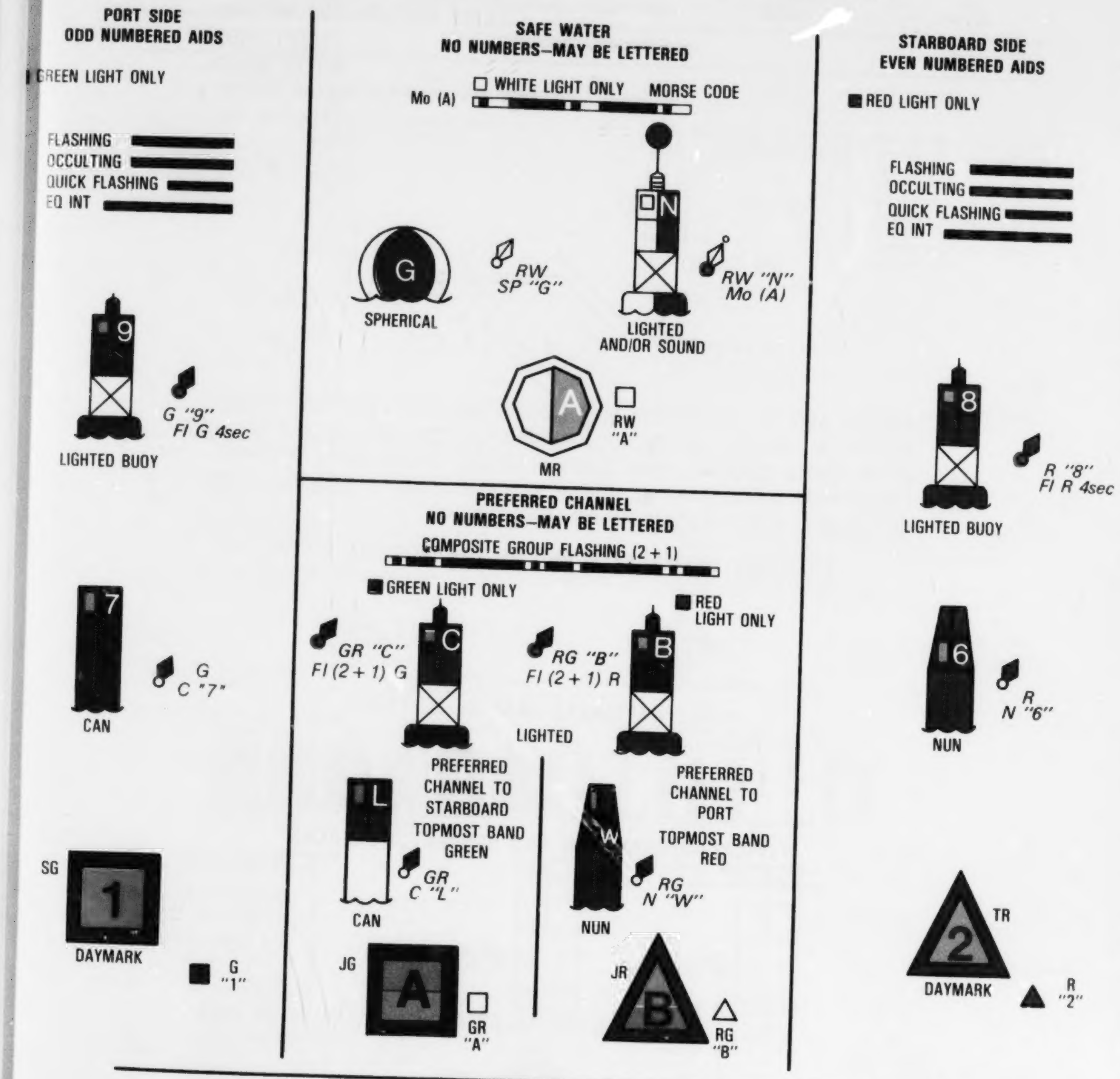

PORT SIDE
ODD NUMBERED AIDS
STARBOARD SIDE
EVEN NUMBERED AIDS

NOTE: WHEN USED ON THE INTRACOASTAL WATERWAY, THESE AIDS ARE ALSO EQUIPPED WITH SPECIAL YELLOW STRIPS, TRIANGLES, OR SQUARES. WHEN USED ON THE WESTERN RIVERS (MISSISSIPPI RIVER SYSTEM) THESE AIDS ARE NOT NUMBERED. (MISSISSIPPI RIVER SYSTEM ABOVE BATON ROUGE AND ALABAMA RIVERS)

TAIWAN COVERAGE DIAGRAM

MODIFIED U.S. AID SYSTEM

LATERAL AIDS AS SEEN ENTERING FROM SEAWARD

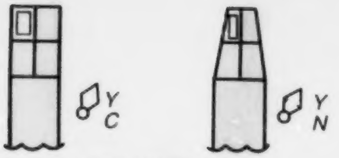

PORT SIDE
ODD NUMBERED AIDS
GREEN LIGHT ONLY
FLASHING
OCCULTING
QUICK FLASHING
EQ INT
9
G "9"
Fl G 4sec
LIGHTED BUOY
7
G
C "7"
CAN
SG
1
DAYMARK
G
"1"
SAFE WATER
NO NUMBERS—MAY BE LETTERED
Mo (A)
WHITE LIGHT ONLY
MORSE CODE
G
RW
SP "G"
SPHERICAL
N
RW "N"
Mo (A)
LIGHTED
AND/OR SOUND
A
RW
"A"
MR
PREFERRED CHANNEL
NO NUMBERS—MAY BE LETTERED
COMPOSITE GROUP FLASHING (2 + 1)
GREEN LIGHT ONLY
RED
LIGHT ONLY
C
GR "C"
Fl (2 + 1) G
B
RG "B"
Fl (2 + 1) R
LIGHTED
L
PREFERRED
CHANNEL TO
STARBOARD
TOPMOST BAND
GREEN
GR
C "L"
CAN
W
PREFERRED
CHANNEL TO
PORT
TOPMOST BAND
RED
RG
N "W"
NUN
JG
A
GR
"A"
JR
B
RG
"B"
STARBOARD SIDE
EVEN NUMBERED AIDS
RED LIGHT ONLY
FLASHING
OCCULTING
QUICK FLASHING
EQ INT
8
R "8"
Fl R 4sec
LIGHTED BUOY
6
R
N "6"
NUN
2
TR
DAYMARK
R
"2"

NOTE: WHEN USED ON THE INTRACOASTAL WATERWAY, THESE AIDS ARE ALSO EQUIPPED WITH SPECIAL YELLOW STRIPS, TRIANGLES, OR SQUARES. WHEN USED ON THE WESTERN RIVERS (MISSISSIPPI RIVER SYSTEM), THESE AIDS ARE NOT NUMBERED. (MISSISSIPPI RIVER SYSTEM ABOVE BATON ROUGE AND ALABAMA RIVERS)

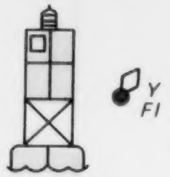
SPECIAL AIDS TO NAVIGATION

SHAPE: OPTIONAL—BUT SELECTED TO BE APPROPRIATE FOR THE POSITION OF THE MARK IN RELATION TO THE NAVIGABLE WATERWAY AND THE DIRECTION OF BUOYAGE.

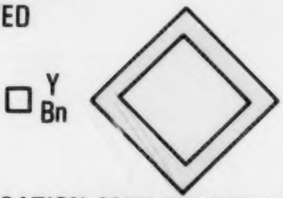
YELLOW LIGHT ONLY
LIGHT RHYTHM—ANY RHYTHM
EXCEPT THOSE
NOTED BELOW



UNLIGHTED



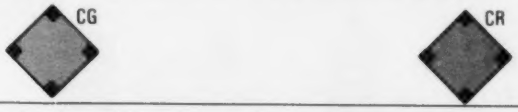
LIGHTED



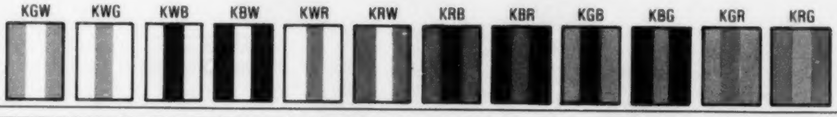
SPECIAL AIDS TO NAVIGATION MAY EXHIBIT ANY LIGHT RHYTHM EXCEPT MORSE "A", MORSE "U", GROUP FLASHING (2), ISOPHASE, OCCULTING, LONG FLASH, QUICK FLASHING, VERY QUICK FLASHING, GROUP QUICK FLASHING, GROUP VERY QUICK FLASHING, GROUP QUICK FLASHING PLUS LONG FLASH, GROUP VERY QUICK FLASHING PLUS LONG FLASH.

CROSSING DAYMARKS FOUND ON THE WESTERN RIVERS

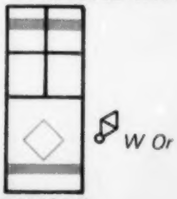
(MISSISSIPPI RIVER SYSTEM ABOVE BATON ROUGE AND ALABAMA RIVERS)



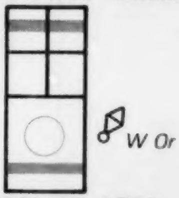
RANGE DAYMARKS—MAY BE LETTERED



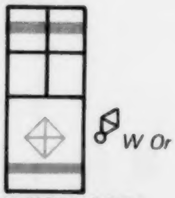
TYPICAL INFORMATION AND REGULATORY MARKS



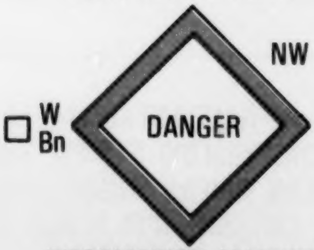
DANGER



CONTROLLED AREA



EXCLUSION AREA



INFORMATION MARKERS

WHEN LIGHTED, INFORMATION AND REGULATORY MARKS WILL DISPLAY WHITE LIGHTS.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA – Eleventh District				
	SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)	N/W					
5	**Point Loma Light**	32 39.9 117 14.5	**Fl W** 15^{s}	88	23	Black house on white square pyramidal skeleton tower. 70	RBN: 302 kHz L (•–••) I, IV. Antenna 175 yards, 327° from light tower. HORN: 1 blast ev 30s (3s bl). Special Direction Finder Calibraton Service, see p. xxii. Emergency light of lower intensity when main light is extinguished.
10 1485	*San Diego Bay Approach Lighted Whistle Buoy SD*	32 37.3 117 14.7	**Mo (A) W**		6	Red and white stripes.	
15	*Gulf of Santa Catalina Lighted Wave Measurement Buoy*	32 44.8 117 22.2	**Fl Y**			Orange and white; spherical buoy.	
20	**Ocean Beach Pier Fog Signal**	32 45 117 15.5		23			HORN: 1 blast ev 15^{s} (2^{s} bl). Private aid.
25 2275	MISSION BAY SOUTH JETTY LIGHT 2	32 45.4 117 15.5	**Fl R** 2.5^{s}	6	11	TR on column.	
30 2280	MISSION BAY NORTH JETTY LIGHT 1	32 45.5 117 15.6	**Fl G** 4^{s}	31	6	SG on pole.	HORN: 1 blast ev 10^{s} (1^{s} bl).
35	NAVY OCEANOGRAPHIC TOWER LIGHTS	32 46.4 117 16.1	**(2) Q W**	32	7	Platform on yellow and black tower.	Maintained by U.S. Navy.
40	*Carlsbad Lighted Bell Buoy 2C*	33 08 117 21.3	**Fl W** 4^{s}			Red.	Private aid.
45 2305	OCEANSIDE SOUTH JETTY LIGHT 4	33 12.3 117 23.9	**Fl R** 4^{s}	26	9	TR on pole.	HORN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si-2^{s} bl-14^{s} si).
50	CAMP PENDLETON SOUTH LIGHT	33 15.4 117 26.1	**Fl W** 4^{s}	53	6	White pyramidal structure.	
55	Camp Pendleton Restricted Area Buoy A					Orange and white banded worded RESTRICTED AREA.	
60	CAMP PENDLETON NORTH LIGHT	33 18.6 117 28.9	**Fl W** 6^{s}	63	7	White pyramidal structure.	
65	*Camp Pendleton Lighted Calibration Buoy*	33 20.3 117 37.1	**Fl Y** 4^{s}		5	Orange and white bands.	
70	Camp Pendleton Restricted Area Buoy B					Orange and white banded worded RESTRICTED AREA.	
75	*San Onofre Lighted Bell Buoy 2SO*	33 20.9 117 34.2	**Fl R** 4^{s}			Red.	Private aid.
80	SAN MATEO POINT LIGHT	33 23.2 117 35.7	**Fl W** 4^{s}	63	8	On pole.	
85	San Onofre Discharge Buoy A	33 21.7 117 33.8				Orange and white bands.	Private aid.
90 2440	NEWPORT BAY WEST JETTY LIGHT 3	33 35.3 117 52.7	**Fl G** 4^{s}	44	9	SG on concrete building.	RBN: 285 kHz NE (–• •). HORN: 1 blast ev 30^{s} (3^{s} bl).
95	*Newport Lighted Bell Buoy 4*	33 35.2 117 57.2	**Fl R** 4^{s}		4	Red.	
100	*Huntington Beach Lighted Bell Buoy 2HB*	33 38.1 118 00.8	**Fl W** 10^{s}			Red.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
		N/W					
	SAN DIEGO TO SANTA ROSA ISLAND (Chart 18740)						
105	HUNTINGTON BEACH PIER LIGHT	33 39.2 118 00.3	F W	32			Private aid,
110	*San Pedro Channel Calibration Lighted Bell Buoy*	33 37.8 118 05.1	Fl Y 4^s		6	Orange and white bands.	
115	*San Pedro Channel Traffic Lane Lighted Buoy 2TL.*	33 37.7 118 06.5	Fl (2) R 5^s 0.4^s fl 0.6^s ec 0.4^s fl 3.6^s ec		4	Red.	
120	*San Pedro Channel Traffic Lane Lighted Buoy 3TL*	33 37.7 118 11.3	Fl G 6^s		4	Green.	
125 3025	**Long Beach Light**	33 43.4 118 11.2	Fl W 5^s	50	24	White rectangular tower on white building on columnar base. 42.	RBN: 296 kHz LB (•–•• –•••). Antenna at light tower. HORN: 1 blast ev 30^s (3^s bl). Emergency light of lower intensity when main light is extinguished.
130 3030	LONG BEACH PIER A LIGHT	33 45.2 118 12	Fl W 30^s	147			Private aid.
135 3110	**Los Angeles Light**	33 42.5 118 15	Fl G 15^s	73	22	White cylindrical tower on concrete block. 69	RBN: 302 kHz A (•–) II, V. Special Direction Finder Calibration Service, see p. xxii. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Emergency light of lower intensity when main light is extinguished.
140	**Point Fermin Light**	33 42.3 118 17.6	Fl W 10^s	120	16	Pole.	
145	*Point Fermin Lighted Whistle Buoy 6*	33 41.9 118 17.5	Fl R 4^s		4	Red.	
150	*Point Fermin Lighted Special Purpose Buoy*	33 41.9 118 17.7	Fl W 6^s			Orange and white bands; spar.	Private aid.
155	*San Pedro Channel Traffic Lane Lighted Bell Buoy 7TL*	33 37.7 118 27.9	Fl G 6^s		4	Green.	
160	*San Pedro Channel Traffic Lane Lighted Buoy 8TL*	33 40.7 118 24.5	Fl (2) R 5^s 0.4^s fl 0.6^s ec 0.4^s fl 3.6^s ec		4	Red.	
165	*Long Point Lighted Special Purpose Buoy*	33 44.2 118 23.3	Fl W 4^s			Orange and white bands; spar.	Private aid.
170	**Point Vicente Light**	33 44.5 118 24.6	Fl (2) W 20^s 0.1^s fl 4.9^s ec 0.1^s fl 14.9^s ec	185	24	White cylindrical tower. 67	HORN: 1 blast ev 30^s (3^s bl). Emergency light of lower intensity when main light is extinguished.
175	*Palos Verdes Point Lighted Bell Buoy 10*	33 46.4 118 26.6	Fl R 4^s		4	Red.	
	POINT DUME TO PURISMA POINT (Chart 18720)						
180	*Point Dume Lighted Whistle Buoy 12*	33 59.6 118 48.2	Fl R 4^s		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	POINT DUME TO PURISMA POINT (Chart 18720)						
180	**Anacapa Island Light**	34 00.9 119 21.5	Fl (3) W [illegible]	[illegible]	[illegible]	White [illegible]	[illegible] antenna at light [illegible] Emergency light of lower intensity when main light is extinguished.
190	**Point Hueneme Light**	[illegible]	Fl W [illegible]	[illegible]	[illegible]	White square tower on building	Light obscured from 155° to 265°. HORN: 1 blast ev 30s [illegible] 251° from light. Emergency light of lower intensity when main light is extinguished.
195	Santa Barbara Light	[illegible]	Fl W [illegible]	[illegible]	[illegible]	White tower	Light obscured from [illegible] to [illegible]
200	Point Conception Light	34 26.9 [illegible]	Fl W [illegible]	[illegible]	[illegible]	White tower attached to building	HORN: 1 blast ev 30s [illegible] Operates continuously. Emergency light of lower intensity when main light is extinguished.
[illegible]	Point Arguello Lighted [illegible] Buoy	[illegible]	Fl (3) Y [illegible]			[illegible]	[illegible]
[illegible]	Point Arguello Light	[illegible]	Fl W [illegible]	[illegible]	[illegible]	[illegible]	RBN: 322 kHz [illegible] Antenna 233 yards 040° from light tower. HORN: 2 blasts ev 20s [illegible] Located 316 yards 270° from light tower. Emergency light of lower intensity when main light is extinguished.
	CALIFORNIA – Twelfth District						
	POINT CONCEPTION TO POINT SUR (Chart 18700)						
[illegible]	NOAA Environmental Lighted Buoy [illegible]	[illegible]	Fl (4) Y [illegible]			[illegible]	[illegible]
[illegible]	[illegible] Rock Lighted Gong Buoy	[illegible]	Fl (2+1) R [illegible]		4	Red and black bands.	
225	**San Luis Obispo Light**	[illegible] 120 45.?	Fl W [illegible]	[illegible]	[illegible]	[illegible]	RBN: 288 kHz [illegible] Antenna located 275 yards 002° from light tower. HORN: 2 blasts ev 60s [illegible] Light operates continuously. Emergency light of lower intensity when main light is extinguished.
230	[illegible] Rock Lighted [illegible] Buoy 1	[illegible]	Fl G [illegible]		4	Green.	
[illegible]	[illegible] Lighted [illegible] Buoy 2	[illegible]	Fl R [illegible]		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA –Twelfth District						
	POINT CONCEPTION TO POINT SUR (Chart 18700)	N/W					
240 3835	MORRO BAY WEST BREAKWATER LIGHT	35 21.8 120 52.1	**Fl W** 5^s	36	15	White column.	Obscured from 176° to 207°. White strobe light flashing ev 2.5^s in addition to primary light when hazardous bar conditions exist. RBN: 310 kHz M (– –). Antenna at light tower. Unreliable in area east of bearing 306° to shore. HORN: 1 blast ev 30^s (3^s bl).
245	*Von Helm Rock Lighted Gong Buoy 4*	35 32.2 121 07	**Fl R** 6^s		4	Red.	
255	*San Simeon Lighted Bell Buoy 1*	35 37.7 121 11.3	**Fl G** 6^s		4	Green.	
260	San Simeon Bay Mooring Buoy CG	35 38.4 121 11.5				White sphere with blue band.	
265	**Piedras Blancas Light**	35 39.9 121 17.1	**Fl W** 10^s	142	25	White conical tower with flat top. 74	RBN: 317 kHz PB (•––• –•••). Antenna on light tower. Emergency light of lower intensity when main light is extinguished.
270	*Piedras Blancas Lighted Whistle Buoy 4A*	35 39 121 18.2	**Fl R** 4^s		4	Red.	
275	*NOAA Environmental Lighted Buoy EB 46028*	35 45.3 121 52	**Fl (4) Y** 20^s			Yellow boat-shaped buoy.	Private aid.
	POINT SUR TO SAN FRANCISCO (Chart 18680)						
280	**Point Sur Light**	36 38.4 121 54	**Fl W** 15^s	250	25	White tower on grey stone building.	RBN: 322 kHz S (•••). Antenna at light tower. Emergency light of lower intensity when main light is extinguished.
285	*Point Cypress Lighted Gong Buoy 6*	36 35 121 59	**Fl R** 6^s		4	Red.	
290	**Point Pinos Light**	36 38 121 56	**Oc W** 4^s	89	17	White tower on dwelling. 43	RBN: 290 kHz P (•––•). Antenna at light tower. HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si). Located 450 yards 336° from light tower. Emergency light of lower intensity when main light is extinguished.
295	*Point Pinos Lighted Whistle Buoy 2*	36 38.9 121 56.6	**Fl R** 6^s		4	Red.	
300 4085	SANTA CRUZ WEST BREAKWATER LIGHT	36 57.6 122 00.1	**Oc G** 4^s	36	6	White structure.	RBN: 294 kHz SC (••• –•–•). HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si).
305 4110	**Santa Cruz Light**	36 57.1 122 01.6	**Fl W** 5^s	60	17	White lantern house on square brick tower attached to brick building. 39	Obscured from 060° to 290°
310	*Point Santa Cruz Wave Measuring Lighted Buoy*	36 53.4 122 04.3	**Fl (3) W** 25^s			Silver spherical buoy.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA -Twelfth District						
	POINT SUR TO SAN FRANCISCO (Chart 18680)	N/W					
315	*Ano Nuevo Island Lighted Whistle Buoy 8*	37 05.8 122 20.4	**Fl R 6^{s}**		4	Red.	
320	**Pigeon Point Light**	37 10.9 122 23.6	**Fl W 10^{s}**	148	25	White conical tower. 115	RBN: 286 kHz PI (•——• ••). Antenna 160 feet 039° from light tower. Emergency light of lower intensity when main light is extinguished.
325	*NOAA Environmental Lighted Buoy EB 46012*	37 23.4 122 39.6	**Fl (4) Y 20^{s}**			Yellow disc-shaped buoy.	Private aid.
330	*Pillar Point Harbor Approach Lighted Whistle Buoy PP*	37 28.3 122 31.2	**Mo (A) W**		5	Red and white stripes; red spherical topmark.	
335	**Point Montara Light**	37 32.2 122 31.1	**Fl W 5^{s}**	70	15	White conical tower. 30	Emergency light of lower intensity when main light is extinguished.
340	*Point Montara Lighted Whistle Buoy 10A*	37 32.2 122 32.9	**Fl R 4^{s}**		4	Red.	
345	*San Francisco Southern Traffic Lane Lighted Bell Buoy A*	37 39.2 122 39.7	**Fl Y 4^{s}**		7	Orange and white bands.	
350	*San Francisco West Traffic Lane Lighted Gong Buoy W*	37 41.5 122 47.6	**Fl Y 2.5^{s}**		6	Yellow.	
355	**Farallon Light**	37 42 123 00.1	**Fl W 15^{s}**	358	25	White conical tower. 41	RBN: 314 kHz F (••—•). Antenna 280 yards 180° from light tower. Emergency light of lower intensity when main light is extinguished.
360	**San Francisco Approach Lighted Horn Buoy SF (LNB)**	37 45 122 41.5	**Fl W 2^{s}** **F W**	42	14	Red.	RBN: 305 kHz SF (••• ••—•). HORN : 1 blast ev 30^{s} (3^{s} bl). Operates continuously. RACON: M (——). Emergency light of reduced intensity (Fl W 2.5^{s}) when main light is extinguished.
365 4245	**Mile Rocks Light**	37 47.6 122 30.6	**Fl W 5^{s}**	49	22	Orange and white bands.	HORN: 1 blast ev 30^{s} (2^{s} bl). Structure floodlighted. Use as front range with Bonita Channel Range Rear Light. Emergency light of lower intensity when main light is extinguished.
370 4220	**Point Bonita Light**	37 48.9 122 31.7	**Oc W 4^{s}**	124	18	White tower on building. 33	RBN: 296 kHz B (—•••). Antenna 32 feet 056° from light tower. HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si-2^{s} bl-24^{s} si). Emergency light of lower intensity when main light is extinguished.
375	*San Francisco Northern Traffic Lane Lighted Bell Buoy N*	37 48.2 122 47.9	**Fl Y 4^{s}**		7	Yellow.	

CALIFORNIA –Twelfth District

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	POINT SUR TO SAN FRANCISCO (Chart 18680)						
380	*Noonday Rock Lighted Whistle Buoy NR*	37 47.7 123 10.7	Fl (2+1) R 6s		4	Red and black bands.	[illegible]
	SAN FRANCISCO TO POINT ARENA (Chart 18640)						
385	**Point Reyes Light**	37 59.7 123 01.3	Fl W 5s	265	24	On cylindrical structure on top of square building.	RBN: 292 kHz R (•—•). Antenna 39 feet 023° from light tower. HORN: 2 blast ev 30s. Operates continuously. Emergency light of lower intensity when main light is extinguished.
390	*NOAA Environmental Lighted Buoy EB 46013*	38 13.1 123 18.1	Fl (4) Y 20s			Yellow boat shaped buoy.	Private aid.
395	*Bodega Head Lighted Whistle Buoy 12*	38 17 123 04.4	Fl R		4	Red.	
400	**Bodega Head Radiobeacon**	38 18.7 123 03.0					RBN: 325 kHz BO (—••• ———).
405	Fish Rock Bell Buoy 14	38 [illegible] 123 [illegible]					
410	*Saunders Reef Lighted Gong Buoy 16*	38 50.1 123 40	Fl R 6s		4	Red.	
415	*Arena Cove Lighted Bell Buoy A*	38 54.8 123 43.5	Mo (A) W			Red and white stripes.	
420	**Point Arena Light**	38 57.3 123 44.4	Fl W 15s		20	White cylindrical tower.	RBN: 322 kHz A (•—). Antenna located 022° from light tower. Emergency light of lower intensity when main light is extinguished.
425	*Point Arena Lighted Gong Buoy 18*	[illegible] 123 [illegible]	Fl R 6s		4	Red.	
	POINT ARENA TO TRINIDAD HEAD (Chart 18620)						
430	*Albion River Lighted Whistle Buoy AR*	39 13.4 123 47	Mo (A) W			Red and white stripes.	
435	Little River Bell Buoy	39 15.9 123 49				Black and white stripes.	
440	Mendocino Bay Whistle Buoy	39 17.9 123 49				Red and white stripes.	
445	*NOAA Environmental Lighted Buoy EB 46014*	39 13.2 123 58.4	Fl (4) Y 20s			Yellow disc buoy.	
450	**Point Cabrillo Light**	39 20.9 123 49.3	Fl W	84	14	White octagonal frame tower on building.	Emergency light of lower intensity when main light is extinguished.
455	*Noyo Approach Lighted Whistle Buoy NA*	39 25.0 123 50.9	Mo (A) W			Red and white stripes.	
460	**Fort Bragg Radiobeacon**	39 25.6 123 48.5					RBN: 307 kHz N (—•).
465	*Point Delgada Lighted Whistle Buoy 20*	40 00.4 124 04.2	Fl R 6s		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA -Twelfth District						
		N/W					
	POINT ARENA TO TRINIDAD HEAD (Chart 18620)						
470	Shelter Cove Entrance Bell Buoy 1	40 00.6 124 03.5				Green.	
475	*Punta Gorda Lighted Whistle Buoy 24*	40 14.9 124 22.2	Fl R 6^s		4	Red.	
480	**Cape Mendocino Light**	40 26.4 124 24.3	Fl W 15^s	515	24	On pile.	Emergency light of lower intensity when main light is extinguished. 1868-1971.
485	**Blunts Reef Lighted Horn Buoy B (ELB)**	40 26.5 124 30.2	Fl W 2^s F W	42	9 6	Red.	RACON: B (—•••). HORN: 1 blast ev 30^s (3^s bl). Operates continuously. Emergency light of lower intensity when main light is extinguished.
490 8130	*Humboldt Bay Entrance Lighted Whistle Buoy HB*	40 46.4 124 16.2	Mo (A) W		7	Black and white stripes.	
495	**Humboldt Bay Light**	40 45.9 124 13.7	Fl W 5^s	100	23	White pile structure.	Emergency light of lower intensity when main light is extinguished.
500	*NOAA Environmental Lighted Buoy EB 46022*	40 45.5 124 30.8	Fl (4) Y 20^s		6	Yellow boat-shaped buoy.	
505	**Humboldt Bay Radiobeacon**	40 46.1 124 13.1					RBN: 300 H (••••). (NOTE: 50 mile range).
510	*NOAA Environmental Lighted Buoy EB 46006*	40 43 137 36	Fl (4) W 20^s			Red and yellow stripes; disc buoy.	
515	Pilot Rock Gong Buoy 2	41 02.6 124 09.2				Red.	
520	Trinidad Harbor Bell Buoy 4					Red.	
	TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)						
525	**Trinidad Head Light**	41 03.3 124 09	Oc W 4^s	196	14	White square tower. 25	RBN: 292 kHz TR (— •—•). HORN: 1 blast ev 30^s (3^s bl). Light obsured northward of 140°. Emergency light of lower intensity when main light is extinguished.
530	*Trinidad Head Lighted Whistle Buoy 26*	41 03.3 124 10.3	Fl R 6^s		4	Red.	
535	Turtle Rocks Bell Buoy 28	41 08.2 124 11.8				Red.	
540	Reading Rocks Light	41 20.5 124 10.6	Fl W 4^s	98	6	NR on house.	HORN: 1 blast ev 10s (1^s bl).
545 8360	*Crescent City Harbor Lighted Whistle Buoy 2*	41 43 124 11.7	Fl R 6^s		4	Red.	
550 8370	**Crescent City Entrance Light**	41 44.2 124 11.4	Fl W 5^s	55	15	White cylindrical structure.	RBN: 325 kHz C (—•—•). HORN: 1 blast ev 10^s (1^s bl).
555	**Battery Point Light**	41 44.6 124 12.1	Fl W 30^s	77	14	White two story structure.	Restored historic light. Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA –Twelfth District						
	TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)	N/W					
560	**St. George Reef Lighted Horn Buoy SG (LNB)**	41 50.2 124 23.8	**Fl W 2^s**	42	13	Red.	RBN: 310 kHz SG (••• ——•). HORN: 1 blast ev 30^s (3^s bl). Operates continuously. Emergency light of lower intensity (Fl W 2.5^s) when main light is extinguished.
	OREGON – Thirteenth District						
	TRINIDAD HEAD TO CAPE BLANCO (Chart 18600)						
565 8595	*Chetco River Approach Lighted Whistle Buoy CR*	42 01.7 124 17	**Mo (A) W**		6	Black and white stripes.	
570 8600	**Chetco River Entrance Radiobeacon**	42 02.8 124 16					RBN: 296 kHz B (—•••).
575	*Rogue River Approach Lighted Whistle Buoy R*	42 23.6 124 28.5	**Mo (A) W**		6	Black and white stripes.	
580	*Port Orford Entrance Lighted Bell Buoy 1*	42 43.3 124 30.6	**Fl G 4^s**		4	Green.	
585	*Port Orford Entrance Lighted Buoy 3*	42 44.2 124 29.6	**Q G**		4	Black.	Maintained from May 1 to Oct. 15.
590	*Orford Reef Lighted Whistle Buoy 20R.*	42 45.1 124 39.2	**Fl W 4^s**		6	Red.	
595	**Cape Blanco Light**	42 50.2 124 33.8	**Fl W 20^s**	245	26	White conical tower. 59	RBN: 304 kHz OE (——— •) V. Antenna 454 feet 335° from light tower. Emergency light; Iso W 6^s. from light tower.
	CAPE BLANCO TO YAQUINA HEAD (Chart 18580)						
600 8675	*Coquille River Entrance Lighted Whistle Buoy 2*	43 08.2 124 27.9	**Fl W 4^s**		6	Red.	
605	**Cape Arago Light**	43 20.5 124 22.5	**Fl (3) W 20^s** 0.1^s fl 3.9^s ec 0.1^s fl 3.9^s ec 0.1^s fl 11.9^s ec	100	22	White octagonal tower attached to building. 44	Obscured from 035° to 249°. Emergency light Iso W 6^s. RBN: 304 khz Y (—•——) I. Antenna 55 feet 160° from light tower. HORN: 2 blast ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Maintained from Apr 15 to Oct 15.
610	Baltimore Rock Bell Buoy 2 BR	43 21.3 124 22.9				Red.	
615 8730	*Coos Bay Approach Lighted Whistle Buoy K*	43 22.2 124 23	**Mo (A) W**		6	Red and white stripes.	
620 9260	**Umpqua River Light**	43 39.8 124 11.9	**Fl (2+1) WR** 15^s 0.1^s Wfl 4.9^s ec 0.1^s Wfl 4.9^s ec 0.1^s Rfl 4.9^s ec	165	W 21 R 20	White conical tower. 65	Emergency light Iso W 6^s. RBN: 324 kHz U (••—). Antenna 25 feet 270° from light.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	CAPE BLANCO TO YAQUINA HEAD (Chart 18580)	N/W					
625 9220	*Umpqua River Approach Lighted Whistle Buoy U*	43 39.9 124 14.3	**Mo (A) W**		6	Red and white stripes.	
630 9435	*Siuslaw River Approach Lighted Whistle Buoy S*	44 01.2 124 09.4	**Mo (A) W**		6	Black and white stripes.	
635	**Heceta Head Light**	44 08.3 124 07.6	**Fl W** 10^s	205	26	White conical tower. 56	Emergency light Iso W 6^s.
640	CLEFT OF THE ROCK LIGHT	44 17.5 124 06.5	**Fl (5+1) WR** 60^s 1.0^s Wfl 9.0^s ec 1.0^s Wfl 9.0^s ec 1.0^s Wfl 9.0^s ec 1.0^s Wfl 9.0^s ec 1.0^s Wfl 9.0^s ec 1.0^s Rfl 9.0^s ec	110		Grey square tower.	Private aid.
645 9575	*Yaquina Bay Approach Lighted Whistle Buoy Y*	44 35.9 124 06.7	**Mo (A) W**		6	Black and white stripes.	
650	**Yaquina Head Light**	44 40.6 124 04.7	**Fl (2) W** 20^s 2^s fl 2^s ec 2^s fl 14^s ec	162	19	White conical tower. 93	Emergency light Iso W 6^s. RBN: 304 kHz W (•——) VI. Antenna 75 feet 055° from light tower.
	YAQUINA HEAD TO COLUMBIA RIVER (Chart 18520)						
655 9780	*Depoe Bay Approach Lighted Whistle Buoy DB*	44 48.5 124 05.3	**Mo (A) W**		6	Red and white stripes; red spherical top mark.	
660	**Cape Kiwanda Radiobeacon**	45 12.9 123 58.2					RBN: 320 kHz K (—•—). Antenna located on top of white house at site.
665	*Cape Kiwanda Lighted Whistle Buoy 2*	45 12.7 123 59.3	**Fl W** 4^s		6	Red.	Maintained from May 15 to Oct. 15.
670	*Cape Lookout Lighted Whistle Buoy 2 Cl*	45 20.3 124 01.3	**Fl W** 4^s		6	Red.	
675	**Cape Meares Light**	45 29.2 123 58.6	**Fl W** 15^s	232	25	White masonry building. 17	Emergency light Iso W 6^s.
680 9810	*Tillamook Bay Approach Lighted Whistle Buoy T*	45 34.3 123 59.5	**Mo (A) W**		6	Red and white stripes.	
685	Nehalem River Approach Whistle Buoy NR	45 39.3 123 57.5				Red and white stripes; red spherical topmark.	(Also listed after No. 1364)
690	**Columbia River Approach Lighted Horn Buoy CR (LNB)**	46 11.1 124 11	**Fl W** 2^s **F W**	42 42	14 8	Red.	RBN: 316 kHz CR (—•—• •—•). RACON: M (——). HORN: 1 blast ev 30^s (3^s bl). Emergency light FL W 2.5^s, high intensity flash tube.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON – Thirteenth District				
	COLUMBIA RIVER TO DESTRUCTION ISLAND (Chart 18500)	N/W					
695 9890	**Cape Disappointment Light**	46 16.6 124 03.1	**Al WR 30^s** 0.3^s Wfl 14.7^s ec 0.3^s Rfl 14.7^s ec	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6^s Light is obscured northward of 137.5°. RBN: 304 kHz O (−−−) IV. Antenna at light tower. Coast Guard Station inside point of Fort Canby.
700	**North Head Light**	46 18 124 04.6	**Fl (2) W 30^s** 0.2^s fl 7.3^s ec 0.2^s fl 22.3^s ec	194	26	White conical tower. 65	Emergency light Iso W 6^s. Obscured to eastward of 181°.
705	Leadbetter Point Buoy 1	46 37.3 124 07.3				Black can.	
710 15200	**Willapa Bay Light**	46 44.1 124 04.6	**Fl W 10^s**	113	13	White house on white skeleton tower. 64	Emergency light Iso W 6^s. RBN: 304 kHz UT (••− −) III. Antenna 23 yards 157° from light tower.
715 15170	*Willapa Bay Approach Lighted Whistle Buoy W*	46 42.6 124 10.8	**Mo (A) W**		6	Red and white stripes.	
720 15530	**Grays Harbor Light**	46 53.3 124 06.9	**AL WR 30^s** 0.1^s Wfl 14.9^s ec 0.1^s Rfl 14.9^s ec	123	W 23 R 22	White truncated octagonal pyramidal tower. 107	Emergency light Iso W 6^s. RBN: 325 kHz G (−−•). Antenna 2,350 yards 327.5° from light tower. HORN: 1 blast ev 15^s(2^s bl). Fog signal is located 2,350 yards 327.5° from light tower.
725 15535	*Grays Harbor Approach Lighted Whistle Buoy GH*	46 51.9 124 14.3	**Mo (A) W**		6	Red and white stripes.	
730	Point Grenville Daybeacon	47 18.3 124 16.6				NB on pile structure. 10	
735	**Destruction Island Light**	47 40.5 124 29.1	**Fl W 10^s**	147	24	White conical tower with black gallery. 94	HORN: 1 blast ev 30^s (3^s bl). Operates continuously. Emergency light Iso W 6^s.
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)						
740 16075	*Quillayute River Approach Lighted Whistle Buoy Q*	47 53.1 124 40.4	**Mo (A) W**		6	Black and white stripes.	
745 16080	JAMES ISLAND LIGHT	47 54.3 124 38.8	**Fl W 6^s**	150	9	White house.	RBN: 288 kHz JI (•−−− ••) II. Antenna 50 feet 090° from light tower. HORN: 2 blast ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Light obscured from 068° to 101° and from 111° to 293°.
750	*Umatilla Reef Lighted Whistle Buoy 2UR*	48 11.2 124 49.2	**Fl W 2.5^s**		6	Red.	
755 16135	*Strait of Juan de Fuca Traffic Separation Lane Lighted Buoy J*	48 29.2 124 43.6	**Fl W 4^s**		6	Orange and white bands.	RACON: O (−−−).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON — Thirteenth District						
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)	N/W					
760 16145	Cape Flattery Light	48 23.5 124 44.1	Fl (2) W 20s (R sector)	166	W 21 R 20	White conical tower on white building.	
[illegible] 16150	[illegible]	[illegible]	Fl W				
	BRITISH COLUMBIA						
	JUAN DE FUCA TO QUEEN CHARLOTTE SOUND (Chart 17005)						
[illegible] 16140	Carmanah Light	[illegible]	Fl W				
[illegible]	[illegible]	[illegible]	Mo (A) W				
[illegible]	Pachena Point Light	[illegible]	Fl (2) W				
[illegible]	[illegible]	[illegible]	Fl W				
[illegible]	Cape Beale Light	[illegible]	Fl W				
[illegible]	Bordelais Islets Light	[illegible]	Fl W				
[illegible]	[illegible]	[illegible]	Fl W				
[illegible]	[illegible]	[illegible]	Fl (2) W				
[illegible]	Amphitrite Point Light	[illegible]	Fl W				

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	JUAN DE FUCA TO QUEEN CHARLOTTE SOUND (Chart 17005)	N/W					
815	*Carolina Channel Lighted Whistle Buoy Y42* (C)	48 54.7 125 32.5	**Fl R**			Red.	
820	**Lennard Island Light** (C)	49 06.6 125 55.3	**Fl W** 10^{s}	111	18	White circular tower, red band at top. 58	DIAPHONE: 2 blasts ev 60^{s} (3^{s} bl-3^{s} si-3^{s} bl-51^{s} si). Fog signal 100 yards southeast of light. Emergency light Fl (6) W 15^{s}.
825	TIBBS ISLET LIGHT (C)	49 13.7 126 06.5	**Fl W** 4^{s}	46		White mast.	
830	MONKS ISLET LIGHT (C)	49 13.9 126 00.9	**Fl (3) W** 12^{s}	41		White circular tower.	
835	*Sydney Inlet Lighted Whistle Buoy MH* (C)	49 20 126 15.5	**Mo (A) W**			Red and white stripes.	
840	MATE ISLAND LIGHT (C)	49 21 126 15.9	**Q W**	32		White circular tower; green band at top.	Ra ref.
845	*Hesquiat Harbor Lighted Whistle Buoy ME* (C)	49 23.1 126 25.8	**Mo (A) W**			Red and white stripes.	
850	**Estevan Point Light** (C)	49 23 126 32.5	**Fl (2) W.**, 15^{s} 0.4^{s} fl 2^{s} ec 0.4s fl 12.2^{s} ec	125	17	White octagonal tower.	RBN: 374 kHz EP (• •−−•). DIAPHONE: 1 blast ev 60^{s} (5^{s} bl).
855	*Bajo Reef Lighted Whistle Buoy M56* (C)	49 33.8 126 50	**Fl R**			Red.	
860	**Nootka Light** (C)	49 35.6 126 36.8	**Fl W** 12^{s}	102	15	Red square skeleton tower with white daymark. 42	Visible from 192° to 069°. HORN: 2 blasts ev 60^{s} (3^{s} bl-3^{s} si-3^{s} bl-51^{s} si). Horn points southeastward. Emergency light of reduced intensity if main light is out Fl (6) 15^{s}.
865	*Esperanza Inlet Lighted Whistle Buoy MD* (C)	49 47.1 127 02.8	**Mo (A) W**			Red and white stripes.	
870	NUCHATLITZ LIGHT (C)	49 49.2 126 58.8	**Fl W** 4^{s}	38		White circular tower.	
875	DOUBLE ISLAND LIGHT (C)	49 50.7 126 59.8	**Fl W** 10^{s}	39		White circular tower, green band at top.	Higher intensity on bearing 029°.
880	*Kyuquot Channel Lighted Whistle Buoy M38* (C)	49 56.1 127 17.6	**Fl R**			Red.	
885	RUGGED POINT LIGHT (C)	49 58.2 127 15	**Fl W** 4^{s}	51		Red and white triangular daymark on white mast.	Higher intensity on bearing 045°.
890	AMOS ISLAND LIGHT (C)	50 00.8 127 21.1	**Fl W** 4^{s}	27		White circular tower.	
895	GAYWARD ROCK LIGHT (C)	50 01.3 127 23.4	**Q W**	22		White circular tower.	Also known as Channel Rock.
900	*Brown Channel Lighted Whistle Buoy MC* (C)	49 59.5 127 26.8	**Mo (A) W**			Red and white stripes.	

(1) No.	(2) Name and location		(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA							
	JUAN DE FUCA TO QUEEN CHARLOTTE SOUND (Chart 17005)		N/W					
905	LOOKOUT ISLAND LIGHT	(C)	49 59.9 127 26.8	**F Fl G 5^s**	50		White circular tower, green band at top, on white rectangular building.	MKR RBN: 310 kHz HORN: 1 blast ev 20^s (2^s bl). Higher intensit green flash superimposed over FG ev 5^s.
910	SOLANDER ISLAND LIGHT	(C)	50 06.7 127 56.3	**Fl W 10^s**	309		White circular tower.	
915	DONALD ISLETS LIGHT	(C)	50 13.9 127 48.4	**Fl (2) W 6^s** 0.5^s fl 1^s ec 0.5^s fl 4^s ec	90		White mast; red and white triangular daymark.	
920	RUGGED ISLANDS LIGHT	(C)	50 19.2 127 55	**Fl W 4^s**	35		White mast on concrete base.	Obscured from 318° to 050°.
925	**Quatsino Island Light**	(C)	50 26.5 128 01.9	**F Fl W 5^s**	90	15	White circular tower.	Visible from 224° to 104°. RBN: 318 kHz B (—•••) II. HORN: 1 blast ev 30^s (3^s bl). Emergency light Fl (6) W 15s Higher intensity green flash superimposed over Fl W 5^s.
930	**Cape Scott Light**	(C)	50 46.9 128 25.5	**Fl W 10^s**	250		White square skeleton tower.	Visible from 344° to 246°. RBN: 354 kHz ZES (——•• • •••). HORN: 3 blasts ev 60^s (2^s bl-3^s si-2^s bl-3s si-2^s bl-48^s si). Emergency light (Fl (6) W 15^s) of lower intensity if main light is extinguished.
	QUEEN CHARLOTTE SOUND TO DIXON ENTRANCE (Chart 17008)							
935 21110	**Cape St. James Light**	(C)	51 56.2 131 00.9	**Fl W 5^s**	315		White octagonal tower, white dwelling.	Visible from 207° to 122°. RBN: 292 kHz CJ (—•—• •———).
940	FLATROCK ISLAND LIGHT	(C)	52 06.5 131 10	**Fl W 6^s**	77		Square mast.	
945	TASU SOUND LIGHT	(C)	52 45 132 05.7	**Fl (3) W 12^s** 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	30		Mast.	Visible from 032° to 052°.
950	DAVISION POINT LIGHT	(C)	52 44.5 132 06.7	**Fl W 6^s**	130		Tower.	
955	TCENAKUN POINT LIGHT	(C)		**Fl W 4^s**	87		White mast.	
960	MARBLE ISLAND LIGHT	(C)	53 12.1 132 40	**Fl W 6^s**	110		White mast.	Visible from 330° to 148°.
965	FREDERICK ISLAND LIGHT	(C)	53 56.3 133 11.8	**Fl W 6^s**	55		Square mast.	Visible from 000° to 215°.
970	HIPPA ISLAND LIGHT	(C)	53 32.7 133 00.6	**Fl W 4^s**	100		White mast.	Visible from 325° to 170°.
975	IPHIGENIA POINT LIGHT	(C)	54 11.4 133 00.5	**Fl W 6^s**	40		White mast.	Visible from 309°40′ to 126°.
980	**Langara Point Light**	(C)	54 15.4 133 03.5	**Fl W 5^s**	160	19	White hexagonal tower. 30	Visible from 055° to 265°. RBN: 308 kHz H (••••) I. HORN: 1 blast ev 60^s (6s bl). Horn points 329°. White dwelling 135 yards east of light.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA — Seventeenth District						
	DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)	N/W					
985 24330	CAPE MUZON LIGHT	54 39.9 132 41.4	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 24455	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
1005 24480	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
1020	**Cape Decision Light**	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] 25105	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	**Cape Spencer Light**	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	Fl W	[illegible]	[illegible]	[illegible]	[illegible]

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – Seventeenth District						
	DIXON ENTRANCE TO CAPE ST. ELIAS (Chart 16016)	N/W					
1085 25415	OCEAN CAPE LIGHT	59 32.1 139 51.3	**Fl W 6^{s}**	130	9	NR on skeleton tower.	Obscured from 151° to 309°.
1090 25420	*Yakutat Bay Entrance Lighted Whistle Buoy 2*	59 31.9 139 57.1	**Fl R 2.5^{s}**		5	Red.	
1095	ICY BAY LIGHT	59 58 141 35		30	8	NR on skeleton tower.	Higher intensity beam toward 175°, obscured from 070° to 240°.
	CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)						
1100	**Cape St. Elias Light**	59 47.9 144 35.8	**Fl W 6^{s}**	85	22	White square tower at corner of rectangular building. 55	Obscured from 160° to 287° and from 018.5° to 027°. RBN: 298 kHz O (−−−). Antenna 80 feet 344° from light tower. HORN: 1 blast ev 15^{s} (2^{s} bl). Emergency light (Fl W 2.5^{s}) of lower intensity if main light is extinguished.
1105	Cape St. Elias Bell Buoy 2	59 44.8 144 37.9				Red.	
1110	*Wessels Reef Lighted Whistle Buoy 1*	59 47.8 146 06	**Fl G 6^{s}**		5	Green.	
1115 25475	*Egg Islands Lighted Whistle Buoy EI*	60 17.4 145 43.1	**Mo (A) W**		6	Red and white stripes.	
1120 25480	**Egg Island Light E**	60 22.2 145 44.7	**Fl W 6^{s}**	20	9	NG on skeleton tower.	
1125	**Cape Hinchinbrook Light**	60 14.3 146 38.7	**Fl W 15^{s}**	235	25	White square tower on corner of building. 67	Obscured from 134° to 135° and 138° to 283°. RBN: 292 kHz W (•−•). Antenna at light tower. Emergency light (Fl W 2.5s) of lower intensity if main light is extinguished. HORN: 1 blast ev 30^{s} (3^{s} bl).
1130 25515	SEAL ROCKS LIGHT	60 09.8 146 50.2	**Fl W 6^{s}**	48	8	NR on skeleton tower.	RACON: D (−••).
1135 25520	*Seal Rocks Shoal Lighted Gong Buoy 1*	60 10 146 44.8	**Fl G 4^{s}**		4	Black.	
1140 25985	RUGGED ISLAND LIGHT	59 50.3 149 22.3	**Fl W 6^{s}**	438	7	NR on square frame.	Obscured from 059° to 099° and from 114° to 221°.
1145	PILOT ROCK LIGHT	59 44.6 149 28.1	**Fl W 4^{s}**	100	6	NR on skeleton tower.	
1150	SEAL ROCKS LIGHT	59 31.3 149 37.7	**Fl W 6^{s}**	285	9	NR on small house.	
1155 26065	EAST CHUGACH LIGHT	59 06.4 151 26.5	**Fl W 6^{s}**	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
1160 26100	**East Amatuli Island Light**	58 55 151 57	**Fl W 5^{s}**	120	11	NR on skeleton tower.	Obscured from 076° to 147°.
1165 27045	LATAX ROCKS LIGHT	58 41.4 152 28.9	**Fl W 4^{s}**	40	8	NR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – Seventeenth District						
		N/W					
	CAPE ST. ELIAS TO SHUMAGIN ISLANDS (Chart 16013)						
1170 26460	TONKI CAPE LIGHT	58 21.2 151 59.1	Fl W 4^s	75	8	NR on skeleton tower.	
1175 26545	*Williams Reef Lighted Whistle Buoy 1*		Fl G 4^s		5	Black.	
1180 26850	*Humpback Rock Lighted Whistle Buoy 1*	57 42.9 152 14.1	Fl W 4^s		6	Black.	
1185	CAPE CHINIAK LIGHT	57 37.7 152 09.1	Fl W 6^s	120	8	NR on skeleton tower.	Obscured from 001° to 052° and from 257° to 260°.
1190	DANGEROUS CAPE LIGHT	57 16.7 152 42.6	Fl W 6^s	192	8	Skeleton tower.	Obscured northward and eastward of 305°.
1195 26915	WHIRLPOOL POINT LIGHT	56 37 154 05.5	Fl W 2.5^s	51	8	NR on small house on skeleton tower.	
	ALASKA PENINSULA & ALEUTIAN ISLANDS (Chart 16011)						
1200	HAGUE ROCK LIGHT	54 33.1 162 24	Fl W 4^s	60	6	NR on square frame.	
1205	Pankof Breaker Buoy 1					Black can.	
1210	CAPE PANKOF LIGHT	54 39.6 163 03.7	Fl W 6^s	82	6	NR on square frame.	Obscured from 101° to 217°.
1215	PAVLOF HARBOR LIGHT	54 27.7 162 41.3	Fl W 6^s	56	6	NR on square frame.	
1220	SCOTCH CAP LIGHT	54 23.8 164 44.6	Fl W 6^s	110	9	NR on skeleton tower.	Obscured from 104° to 276°.
1225	UGAMAK ISLAND LIGHT	54 13.8 164 47.8	Fl W 4^s	98	9	NR on skeleton tower.	
1230	CAPE SARICHEF LIGHT	54 36 164 55.7	Fl W 2.5^s	170	8	NR on skeleton tower.	Obscured from 223°30′ to 018° 30′.
1235	BILLINGS HEAD LIGHT	54 17.9 165 31.3	Fl W 4^s	210	6	NR on small house.	Obscured from 256°30′ to 090°30′.
1240	NORTH HEAD LIGHT	54 13.3 165 58.7	Fl W 6^s	60	6	NR on small house.	Obscured from 257° to 054°.
1245	SEALION ROCKS LIGHT	55 27.9 163 12.1	Fl W 6^s	94	7	On skeleton tower.	
1250	CAPE SENIAVIN LIGHT	56 24 160 08	Fl W 6^s	175	7	NR on small house.	
1255 27760	SMOKY POINT LIGHT	57 37.5 157 41.5	Fl W 4^s	40	6	NR on skeleton tower.	
1260	CAPE GREIG LIGHT	57 44 157 42.2	Fl W 6^s	350	6	NR on small house.	
1265 27770	RED BLUFF LIGHT	58 14.2 157 29	Fl W 6^s	96	6	NR on square frame.	
1270 27775	MIDDLE BLUFF LIGHT	58 24.4 157 31.5	Fl W 4^s	165	6	NR on skeleton tower.	
1275 27805	*Nushagak Bay Entrance Lighted Bell Buoy 2*	58 33.7 158 24.2	Fl W 6^s		6	Red.	Maintained from May 1 to Sept. 30.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – Seventeenth District				
	BERING SEA (EASTERN PART) (Chart 16006)	N/W					
1280	**St. Paul Radiobeacon**	57 09.5 170 13.6					RBN: 314 kHz SPY (••• •−−• −•−−).
1285	CAPE MOHICAN LIGHT	60 13 167 27	Fl W 6ˢ	278	7	NR on small house.	Maintained from July 15 to Nov. 1.
1290	BLACK RIVER ENTRANCE LIGHT	62 21 165 21	Fl W 4ˢ	20	7	NR on steel structure.	Maintained from July 15 to Nov. 1.
1295 27860	YUKON RIVER SOUTH ENTRANCE LIGHT	62 32.3 165 01.1	Fl W 6ˢ	20	6	NG on skeleton tower.	Maintained from July 15 to Nov. 1.
1300 27865	KWIGUK PASS ENTRANCE LIGHT	62 47.4 164 51.8	Fl W 2.5ˢ	18	4	NG on skeleton tower.	Maintained from July 15 to Nov. 1.
1305 27870	YUKON RIVER MIDDLE ENTRANCE LIGHT	62 04.6 165 37.6	Fl W 4ˢ	18	6	NG on skeleton tower.	Obscured from 176° to 266°. Maintained from July 15 to Nov. 1.
1310 27875	YUKON RIVER NORTH ENTRANCE LIGHT	63 02.5 163 23	Fl W 6ˢ	19	5	NG on skeleton tower.	Obscured from 286° to 161°. Maintained from July 15 to Nov. 1.
1315 27895	POINT ROMANOF LIGHT	63 12 162 50	Fl W 6ˢ	25	7	NR on steel tower.	Maintained from July 15 to Nov. 1.
1320 27900	CAPE STEPHENS LIGHT	63 32.7 162 18	Fl W 4ˢ	200	6	NR on small house.	Maintained from July 15 to Nov. 1.
1325 27910	EGG ISLAND LIGHT	63 36 161 43.2	Fl W 6ˢ	90	6	NR on small house.	Maintained from July 15 to Nov. 1.
1330 27935	CAPE DARBY LIGHT	64 20 162 48	Fl W 4ˢ	105	7	NR on small white house.	Obscured from 160° to 323°. Maintained from July 15 to Nov. 1.
1335 27955	ROCKY POINT LIGHT	64 24 163 09	Fl W 2.5ˢ	175	6	NR on small house.	Maintained from July 15 to to Nov. 1.
1340	SLEDGE ISLAND LIGHT	64 30 166 11.5	Fl W 6ˢ	28	7	NR on square frame.	Obscured from 326° to 080°. Maintained from July 15 to Nov. 1.
1345	CAPE RODNEY LIGHT	64 38.6 166 23.7	Fl W 4ˢ	24	7	NR on skeleton tower.	Maintained from July 15 to Nov. 1.
1350	POINT SPENCER LIGHT	65 16.7 166 50.8	Fl W 6ˢ	15	7	NR on square frame.	Maintained from July 15 to Nov. 1.
	CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)						
1355	CAPE PRINCE OF WALES LIGHT	65 38 168 07	Fl W 6ˢ	20	6	NR on skeleton tower.	Maintained from July 15 to Nov. 1.
1360	SHISHMAREF LIGHT	66 15 166 04	Fl W 4ˢ	35	6	On steel tower.	Maintained from July 15 to Nov. 1. Obscured from 231° to 236°.
1365	NORTHWEST CORNER LIGHT	66 35 164 24	Fl W 6ˢ	100	7	NR on small house.	Maintained from July 15 to Nov. 1.
1370	CAPE KARUSENSTERN LIGHT	67 07.4 163 47	Fl W 4ˢ	45	7	NR on 40 ft. wooden tower.	Maintained from July 15 to Oct. 1.
1375	POINT HOPE LIGHT	68 20.7 166 49.7	Fl W 6ˢ		6	On telephone pole.	Maintained from July 15 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – Seventeenth District				
		N/W					
	CAPE PRINCE OF WALES TO POINT BARROW (Chart 16005)						
1380	**Point Lay RACON**	69 44.1 163 00.6		120		Tower.	Maintained from July 1 to Sept. 15. N (—•). Ra ref.
1385	**Icy Cape RACON**	70 17.3 161 54.5		200		Tower.	Maintained from July 1 to Sept. 15. G (——•). Ra ref.
1390	**Wainwright RACON**	70 36.6 159 51.9		120		Tower.	Maintained from July 1 to Sept. 15. K (—•—). Ra Ref.
1395	**South Skull Cliff RACON**	70 54.8 157 37.3		50		Tower.	Maintained from July 1 to Sept. 15. T (—). Ra ref.
	PT. BARROW TO HERSCHEL ISLAND (Chart 16004)						
1400	**Point Barrow RACON**	71 23.2 156 27.2		50		Tower.	Maintained from July 1 to Sept. 15. N (—•). Ra ref.
1405	**Cape Simpson RACON**	71 03.4 154 43.6		200		Tower.	Maintained from July 1 to Sept. 15. O (———). Ra ref.
1410	**Drew Point RACON**	70 51.9 153 54.8		50		Tower.	Maintained from July 1 to Sept. 15. K (—•—). Ra ref.
1415	**Cape Halkett RACON**	70 49.8 152 17.4		50		Tower.	Maintained from July 1 to Sept. 15. M (——). Ra ref.
1420	**Atigaru Point RACON**	70 33.3 151 42.5		50		Tower.	Maintained from July 1 to Sept. 15. N (—•). Ra ref.
1425	**Colville River RACON**	70 28.1 150 37.9		50		Tower.	Maintained from July 1 to Sept. 15. K (—•—). Ra ref.
	(Oil well structures exist along the Beaufort Seacoast between 147° and 149° west longitude)						
1430	**Oliktok Point RACON**	70 29.8 149 53.2		120		Tower.	Maintained from July 1 to Sept. 15. G (——•). Ra ref.
1435	Prudhoe Bay Waterflood Buoys (6)					White cans with two orange bands and crossed diamond worded SUBMERGED PIPELINE.	Private aids. Maintained during ice-free season.
1440	Prudhoe Bay Waterflood Daybeacons (2)	70 24.8 148 31.5		10		NW worded DANGER SUBMERGED PIPELINE, on pile.	Private aids. Maintained during ice-free season.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

ALASKA — Seventeenth District

PT. BARROW TO HERSCHEL ISLAND (Chart 16004)

[illegible]

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA – Eleventh District				
	APPROACHES TO SAN DIEGO BAY (Chart 18765)	N/W					
	San Diego Bay						
1520	ZUNIGA JETTY LIGHT Z	32 40 117 13.3	**Fl Y** 2.5s	20	6	NW worded DANGER SUBMERGED JETTY on pole.	HORN: 1 blast ev 10s (1s bl).
1525	ZUNIGA JETTY LIGHT Y		**Fl Y** 2.5s	18	5	NY worded DANGER SUBMERGED JETTY on pole.	
1530	ZUNIGA JETTY LIGHT X		**Fl Y** 2.5s	18	5	NY worded DANGER SUBMERGED JETTY on pole.	
1535	ZUNIGA JETTY LIGHT W		**Fl Y** 2.5s	18	5	NY worded DANGER SUBMERGED JETTY on pole.	
1540	ZUNIGA JETTY LIGHT V		**Fl Y** 2.5s	16	5	NY worded DANGER SUBMERGED JETTY on pole.	
1545	– *Channel Lighted Buoy 8*		**Fl R** 2.5s		3	Red.	
1550	– *Channel Lighted Buoy 9*	32 40.4 117 13.8	**Fl G** 2.5s		3	Green.	
1555	– *Channel Lighted Buoy 10*	32 40.4 117 13.6	**Fl R** 4s		3	Red.	
1560	– *Channel Lighted Buoy 11*		**Fl G** 4s		3	Green.	
1565	– *Channel Lighted Buoy 12*	32 41 117 13.7	**Fl R** 2.5s		3	Red.	
1570	**Ballast Point Light B.**	32 41.2 117 13.9	**Fl W** 4s	16	12	NG on platform on dolphin.	HORN: 1 blast ev 15s (2s bl).
1575	Zuniga Point Degaussing Range East Buoy	32 41.2 117 13.6				Orange and white bands; spar.	Maintained by U.S. Navy.
1580	Zuniga Point Degaussing Range West Buoy	32 41.2 117 13.6				Orange and white bands; spar.	Maintained by U.S. Navy.
1585	– *Channel Lighted Buoy 14*	32 41.6 117 13.8	**Q R**		3	Red.	
1590	– *Channel Lighted Buoy 15*	32 41.7 117 13.9	**Fl G** 2.5s		3	Black.	
	Shelter Island Yacht Basin						
1595	SHELTER ISLAND WEST END LIGHT 2		**Fl R** 2.5s	11	5	TR on pile.	
1600	– Buoy 6	32 42.6 117 14				Red nun.	Private aid.
1605	– Buoy 7					Black can.	Private aid.
1610	– Buoy 9					Black can.	Private aid.
	San Diego Bay						
1615	NORTH ISLAND LIGHT 2	32 42.2 117 13.4	**Fl R** 2.5s	25	5	TR on small house.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	APPROACHES TO SAN DIEGO BAY (Chart 18765)	N/W					
	San Diego Bay						
1620	– *Channel Lighted Buoy 16*		**Fl R** 2.5^s		3	Red.	
1625	– *Channel Lighted Buoy 16A*	32 42.4 117 13.5	**Q R**		3	Red.	
1630	– *Channel Lighted Buoy 17*	32 42.3 117 13.7	**Fl G** 4^s		3	Green.	
1635	NORTH ISLAND LIGHT 4		**Fl R** 2.5^s	23	5	TR on pole.	
1640	SHELTER ISLAND LIGHT S		**Fl W** 2.5^s	16	7	NG on pole.	Higher intensity beam up and down bay.
1645	– *Channel Lighted Buoy 18*	32 42.8 117 12.9	**Fl R** 4^s		3	Red.	
1650	– *Channel Lighted Buoy 19*	32 42.9 117 13.1	**Q G**		3	Black.	
	Commercial Basin						
1655	– *Lighted Buoy 1*	32 43.2 117 13	**Fl G** 4^s		4	Black.	
1660	– Daybeacon A					JG on pile.	
1665	– South Channel Buoy 2	32 43.2 117 13.3				Red nun.	
1670	– South Channel Buoy 4					Red nun.	
1675	– South Channel Daybeacon 6					TR on pile.	
1680	– South Channel Daybeacon 8					TR on pile.	
1685	– North Channel Daybeacon 3					SG on pile.	
1690	– North Channel Buoy 5					Black can.	
1695	– North Channel Daybeacon 7					SG on pile.	
	San Diego Bay						
1700	**Harbor Island Light**	32 43.5 117 12.7	**Fl W** 4^s	56	15	Top of red roofed building.	
1705	NORTH ISLAND LIGHT N	32 42.8 117 12.5	**Q W**	20	7	NR on pole on concrete platform.	
1710	– *Channel Lighted Buoy 20*		**Q R**		3	Red.	
1715	– *Channel Lighted Buoy 21*	32 43.1 117 11.6	**Q G**		3	Green.	
1720	– *Lighted Mooring Buoy 19*	32 43.3 117 11.3	**Fl W** 4^s			White.	Maintained by U.S. Navy.
1725	– *Lighted Mooring Buoy 20*	32 43.2 117 11.1	**Fl W** 4^s			White.	Maintained by U.S. Navy.
1730	– *Lighted Mooring Buoy 21*	32 43.2 117 10.9	**Fl W** 4^s			White.	Maintained by U.S. Navy.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	APPROACHES TO SAN DIEGO BAY (Chart 18765)	N/W					
	San Diego Bay						
1850	TENTH AVENUE PIER NORTH LIGHT	32 42 117 09.6	**F G**	10	5	On pier.	Private aid.
1855	TENTH AVENUE PIER SOUTH LIGHT	32 41.8 117 09.2	**F G**	10	5	On pier.	Private aid.
1860	**San Diego-Coronado Bay Bridge Fog Signal**	32 41.4 117 09.1				Bridge pier.	HORN(2): 1 blast ev 10ˢ (1ˢ bl) simultaneously. Private aid.
	Glorietta Bay						
1865	– *Channel Lighted Buoy 1*	32 41.2 117 09.1	**Fl G** 4ˢ		3	Green.	
1870	NAVY AMPHIBIOUS BASE LIGHT	32 40.9 117 09.4	**Q R**			NW on pole.	Maintained by U.S. Navy.
1875	– CHANNEL RANGE FRONT LIGHT		**Q G**	11		KRW on pile.	Visible all around; higher intensity on rangeline.
1880	– CHANNEL RANGE REAR LIGHT On shore, 200 feet 232° from front light.		**Iso G** 6ˢ	21		KRW on pole.	Visible all around; higher intensity on rangeline.
1885	– Channel Buoy 2	32 41.2 117 09.3				Red nun.	
1890	– Channel Buoy 3	32 41 117 09.4				Green.	
1895	– Buoy 6					Red nun.	
1900	– *Channel Lighted Buoy 8*	32 40.7 117 10.1	**Fl R** 4ˢ			Red.	Private aid.
1905	– Buoy 11					Black can.	Private aid.
1910	– Buoy 12					Red nun.	Private aid.
1915	– Buoy 13					Black can.	Private aid.
1920	– Channel Buoy 14	32 40.9 117 10.3				Red nun.	Private aid.
1925	– Channel Buoy 15	32 40.9 117 10.4				Black can.	Private aid.
	San Diego Bay Restricted Area						
1930	– Buoy A	32 40.5 117 10				Yellow can worded RESTRICTED AREA DO NOT ENTER	Maintained by U.S. Navy.
1935	– Buoy B	32 40.6 117 09.9				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
1940	– Buoy C	32 40.8 117 09.7				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
1945	– Buoy D	32 40.9 117 09.4				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		CALIFORNIA – Eleventh District					
		N/W					
	APPROACHES TO SAN DIEGO BAY (Chart 18765)						
	San Diego Bay Restricted Area						
	Glorietta Bay						
1950	–Buoy E	32 40.7 117 09.1				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained U.S. Navy.
1955	– Buoy F	32 40.3 117 08.6				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
1960	– Buoy G	32 40 117 09				Yellow can worded RESTRICTED AEA DO NOT ENTER.	Maintained by U.S. Navy.
1965	– Buoy H	32 39.3 117 08.8				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
1970	– Buoy I	32 04.2 117 08.8				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
1975	– Buoy J	32 03.6 117 08.9				Yellow can worded RESTRICTED AREA DO NOT ENTER.	Maintained by U.S. Navy.
	San Diego Bay						
1980	– *Channel Lighted Buoy 28*		Fl R 4^s		3	Red.	
1985	– *Lighted Mooring Buoy 48*	32 40.9 117 08.5	Fl W 4^s			White.	Maintained by U.S. Navy.
1990	– *Lighted Mooring Buoy 49*	32 40.8 117 08.3	Fl W 4^s			White.	Maintained by U.S. Navy.
1995	– *Lighted Mooring Buoy 50*	32 40.8 117 08.3	Fl W 4^s			White.	Maintained by U.S. Navy.
2000	– *Lighted Mooring Buoy 51*	32 40.7 117 08.1	Fl W 4^s			White.	Maintained by U.S. Navy.
2005	– *Channel Lighted Buoy 30*		Fl R 4^s		3	Red.	
2010	– *Channel Lighted Buoy 32*		Fl R 4^s		3	Red.	
2015	– Channel Buoy 33					Black can.	
2020	– Channel Buoy 34	32 39.4 117 07.6				Red nun.	
2025	– Channel Buoy 35					Green can.	
2030	*South San Diego Bay Lighted Mooring Buoy*	32 39.8 117 07.6	Fl W 4^s			White with blue band.	Private aid.
2035	– *Channel Lighted Buoy 36*	32 39.3 117 07.4	Fl R 4^s		3	Red.	
2040	– Channel Buoy 38	32 39 117 07.3				Red nun.	
2045	– Buoy 40					Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	APPROACHES TO SAN DIEGO BAY (Chart 18765)	N/W					
	San Diego Bay						
2050	– *Channel Lighted Buoy 41*	32 38.7 117 07.3	**Fl G** 4^{s}		3	Green.	
2055	Sweetwater Channel Buoy 2					Red nun.	
	Coronado Cays Channel						
2060	– LIGHT 1	32 38.3 117 07.9	**Fl G** 2.5^{s}	8		SG on pile.	Private aid.
2065	– LIGHT 2	32 38.3 117 08	**Fl G** 2.5^{s}	8		TR on pile.	Private aid.
2070	– Daybeacon 3					SG on pile.	Private aid.
2075	– Daybeacon 4					TR on pile.	Private aid.
2080	– Daybeacon 5					SG on pile.	Private aid.
2085	– Daybeacon 6					TR on pile.	Private aid.
2090	– LIGHT 7	32 38 117 07.9	**Q G**	8		SG on pile.	Private aid.
2095	– LIGHT 8	32 38 171 08	**Q R**	8		TR on pile.	Private aid.
2100	– LIGHT 10	32 37.9 117 07.9	**Q R**	8		TR on pile.	Private aid.
2105	– LIGHT 11	32 37.9 117 07.8	**Q G**	9		SB on pile.	Private aid.
2110	– LIGHT 13	32 37.8 117 07.7	**Q G**	9		SB on pile.	Private aid.
2115	CORONADO CAY PIER LIGHT C	32 37.7 117 07.7	**Fl W** 2^{s}	6			Private aid.
2120	– LIGHT 15	32 37.7 117 07.7	**Fl G** 4^{s}	8		SG on pile.	Private aid.
2125	– LIGHT 16	32 37.7 117 07.7	**Fl R** 4^{s}	8		TR on pile.	Private aid.
2130	– Daybeacon 17			8		SG on pile.	Private aid.
2135	– Daybeacon 18			8		TR on pile.	Private aid.
2140	– Daybeacon 19			8		SG on pile.	Private aid.
2145	– Daybeacon 20			8		TR on pile.	Private aid.
2150	CORONADO CAYS LIGHT 21		**Q G**	9		SB on pile.	Private aid.
2155	CORONADO CAYS LIGHT 22		**Q R**	8		On pile.	Private aid.
	Chula Vista Channel						
2160	– LIGHT 2	32 38.6 117 07.4	**Fl R** 4^{s}	8		TR on pile.	Private aid.
2165	– Daybeacon 3	32 38.5 117 07.3				SG on pile.	Private aid.
2170	– Daybeacon 4	32 38.5 117 07.4				TR on pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	APPROACHES TO SAN DIEGO BAY (Chart 18765)	N/W					
	Chula Vista Channel						
	Coronado Cays Channel						
2175	- LIGHT 5	32 38.3 117 07.2	**Fl G** 4^{s}	8		SG on pile.	Private aid.
2180	- LIGHT 6	32 38.3 117 07.3	**Fl R** 6^{s}	8		TR on pile.	Private aid.
2185	- LIGHT 7	32 38.2 117 07.1	**Fl G** 2.5^{s}	8		SG on pile.	Private aid.
2190	- LIGHT 8	32 38.1 117 07.2	**Fl R** 2.5^{s}	8		TR on pile.	Private aid.
2195	- Daybeacon 9	32 38.2 117 07				SG on pile.	Private aid.
2200	- Daybeacon 10	32 38.1 117 07				TR on pile	Private aid.
2205	- LIGHT 11	32 38.2 117 06.8	**Q G**	8		SG on pile.	Private aid.
2210	- LIGHT 12	32 38.1 117 06.8	**Q R**	8		TR on pile.	Private aid.
2215	- Daybeacon 13	32 38 117 06.7				SG on pile.	Private aid.
2220	- Daybeacon 14	32 38 117 06.8				TR on pile.	Private aid.
2225	- LIGHT 15	32 37.8 117 06.6	**Fl G** 4^{s}	8		SG on pile.	Private aid.
2230	- LIGHT 16	32 37.8 117 06.7	**Fl R** 4^{s}	8		TR on pile.	Private aid.
2235	- Daybeacon 17	32 37.7 117 06.5				SG on pile.	Private aid.
2240	- Daybeacon 18	32 37.6 117 06.6				TR on pile.	Private ad.
2245	- LIGHT 19	32 37.5 117 06.4	**Fl G** 2.5^{s}	8		SG on pile.	Private aid.
2250	- LIGHT 20	32 37.5 117 06.4	**Fl R** 2.5^{s}	6		TR on pile.	Private aid.
2255	- Daybeacon 21	32 37.5 117 06.5				SG on pile.	Private aid.
2260	- LIGHT 22	32 37.3 117 06.3	**Q R**	6		TR on pile.	Private aid.
2265	CHULA VISTA BASIN NORTH LIGHT	32 37.6 117 06.2	**Fl G** 4^{s}	19			Private aid.
2270	CHULA VISTA BASIN SOUTH LIGHT		**Fl R** 4^{s}	16			Private aid.
	Mission Bay						
2275	- SOUTH JETTY LIGHT 2	32 45.4 117 15.5	**Fl R** 2.5^{s}		6	TR on column.	

CALIFORNIA

APPROACHES TO SAN DIEGO BAY

Mission Bay

Coronado Cays Channel

GULF OF SANTA CATALINA (Chart 18774)

Oceanside

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SAN PEDRO CHANNEL (Chart 18746)	N/W					
	Del Mar Boat Basin						
	Coronado Cays Channel						
2385	*Dana Point Lighted Whistle Buoy 2*	33 27.3 117 43.2	**Fl R** 2.5^s		6	Red.	
2390	Dana Point Buoy 4	33 27.3 117 41.2				Red nun.	
2395	DANA POINT BREAKWATER LIGHT 5	33 27.3 117 41.4	**Fl G** 4^s	30	9	SG on pole.	RBN: 292 kHz DP (—•• •——•). Antenna at light tower. HORN: 1 blast ev 10^s (1^s bl).
2400	DANA POINT JETTY LIGHT 6	33 27.4 117 41.4	**Fl R** 4^s	26	6	TR on pole.	
2405	Dana Point Harbor Daybeacon 8	33 27.4 117 41.6		9		TR on pile.	Private aid.
2410	Dana Point Harbor Daybeacon 10			9		TR on pile.	Private aid.
2415	Dana Point Harbor Daybeacon 12			9		TR on pile.	Private aid.
2420	Dana Point Harbor Daybeacon 14			9		TR on pile.	Private aid.
2425	Dana Point Harbor Daybeacon 16			9		TR on pile.	Private aid.
2430	*Gobal Marine Lighted Horn Buoys (3)*	33 30 117 51	**Fl W** 4^s			Orange and white bands.	HORN: 1 blast ev 20^s (2^s bl). Private aids.
	Newport Bay						
2435	– *Lighted Bell Buoy 1*	33 35.1 117 52.6	**Fl G** 4^s		5	Black.	
2440	– WEST JETTY LIGHT 3	33 35.3 117 52.7	**Fl G** 4^s	44	9	SG on concrete building.	HORN: 1 blast ev 30^s (3^s bl). RBN: 285 kHz NE (—• •).
2445	– EAST JETTY LIGHT 4	33 35.4 117 52.6	**Fl R** 4^s	25	5	TR on pole.	
2450	– CHANNEL LIGHT 5	33 35.9 117 52.9	**Fl G** 2.5^s	12	5	SG on pile.	
2455	– *Channel Lighted Buoy 6*	33 36 117 52.8	**Fl R** 4^s		3	Red.	
2460	– *Channel Lighted Buoy 8*		**Fl R** 4^s		4	Red.	
2465	– *Channel Lighted Buoy 10*	33 36.2 117 53.8	**Fl R** 2.5^s		2	Red.	
2470	– CHANNEL LIGHT 11	33 36.5 117 54.2	**Q G**	12	5	SG on pile.	
2475	– *Channel Lighted Buoy 12*	33 36.7 117 54.4	**Fl R** 2.5^s	12	2	Red.	
2480	– Anchorage Buoy A	33 36 117 54.3				Yellow.	Private aid. Maintained from May 15 to Sept. 15.
2485	– Anchorage Buoy B	33 36.5 117 54.3				Yellow.	Private aid. Maintained from May 15 to Sept. 15.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
		N/W					
	SAN PEDRO CHANNEL (Chart 18746)						
	Newport Bay						
	Coronado Cays Channel						
2490	- Anchorage Buoy C	33 36.6 117 54.4				Yellow.	Private aid. Maintained from May 15 to Sept. 15.
2495	- Anchorage Buoy D	33 36.5 117 54.5				Yellow.	Private aid. Maintained from May 15 to Sept. 15.
2500	BALBOA ISLAND NORTH CHANNEL LIGHT 2	33 36.5 117 54	**Q R**	12	5	TR on pile.	
2505	LIDO ISLE EAST LIGHT 2	33 36.5 117 54.5	**Fl R** 4ˢ	12	5	TR on pile.	
2510	LIDO ISLE WEST LIGHT 4	33 36.7 117 55.2	**Fl R** 2.5ˢ	12	5	TR on pile.	
2515	LIDO PENINSULA LIGHT		**Q W**	12	5	NR on pile.	
2520	*Cortes Bank Lighted Whistle Buoy 2*	32 26.6 119 07.3	**Fl R** 4ˢ		4	Red.	Nun station buoy.
	SAN CLEMENTE ISLAND (Chart 18762)						
2525	CHINA POINT LIGHT	32 48.2 118 25.5	**Iso W** 6ˢ	112	8	White pyramidal structure.	Visible from 260° to 128°, partially obscured by hills elsewhere.
2530	PYRAMID HEAD LIGHT	32 49.2 118 21.1	**Iso G** 6ˢ	226	6	White pyramidal structure.	Visible from 147° to 095°, partially obscured by hills elsewhere.
2535	PYRAMID COVE ANCHORAGE LIGHT	32 50 118 22.9	**Fl R** 4ˢ	886	4		Visible from 307° to 040°, partially obscured by hills elsewhere.
2540	NAVY ANCHORAGE SOUTH END LIGHT	32 58.5 118 31.9	**Fl W** 2.5ˢ	140	7	White pyramidal structure.	Visible from 150° to 320°, partially obscured by hills elsewhere.
2545	WILSON COVE LIGHT	33 00.2 118 33.1	**Fl G** 6ˢ	125	8	White pyramidal structure.	Visible from 155° to 317°, partially obscured by hills elsewhere.
2550	WILSON COVE RANGE FRONT LIGHT	33 00.4 118 33.4	**F R**	27		Small house.	Maintained by U.S. Navy.
2555	WILSON COVE RANGE REAR LIGHT On shore, 210 yards 198° from front light.		**F R**	40		Small house.	Maintained by U.S. Navy.
2560	**Wilson Cove Fog Signal**						HORN: 1 blast ev 15ˢ (2ˢ bl).
2565	WILSON COVE NORTH END LIGHT	33 01.4 118 33.8	**Fl W** 6ˢ	60	7	White pyramidal structure.	Visible from 139° to 330°, partially obscured by hills elsewhere.
2570	Wilson Cove North End Radar Buoy A	33 01.6 118 33.7				Orange and white bands; spar.	Maintained by U.S. Navy.
2575	- LIGHT	33 01.8 118 35.7	**Fl W** 2.5ˢ	202	6	White pyramidal structure.	Visible from 341° to 276°, partially obscured by hills elsewhere.

CALIFORNIA — Eleventh District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SANTA CATALINA ISLAND (Chart 18757)	N/W					
	Newport Bay						
	Coronado Cays Channel						
2665	Isthmus Cove Harbor Reef South Buoy	33 26.8 118 29.3				Orange and white with orange band near top and waterline with orange diamond worded REEF.	
2670	– WEST END LIGHT	33 28.7 118 36.3	Fl W 6^{s}	76	7	White pyramidal structure.	Visible from 336° to 226°, partially obscured by hills elsewhere.
	SANTA BARBARA ISLAND (Chart 18756)						
2675	– LIGHT	33 29.3 119 01.8	Fl W 2.5^{s}	195	6	White pyramidal structure.	Visible from 089° to 353°, partially obscured by hills elsewhere.
2680	*NOAA Environmental Lighted Buoy EB 46025*	33 36 119 00	Fl (4) Y 20^{s}			Yellow boat-shaped buoy.	
2685	*Anacapa Island Lighted Radar Test Buoy*	33 58.8 119 15.5	Fl (3) W 20^{s}			Orange and white cylinder.	Maintained by U.S. Navy.
	ANACAPA PASSAGE (Chart 18729)						
2690	– *Acoustic Range Lighted Buoy A*	33 58.9 119 39.8	Fl W 3^{s}			White with blue band.	Private aid.
2695	– Acoustic Range Buoy B					White with blue band.	Private aid.
2700	– *Acoustic Range Lighted Buoy C*	33 54.8 119 40	Fl Y 10^{s}			Yellow.	Private aid.
2705	– *Acoustic Range Lighted Buoy D*	33 56.7 119 40				Yellow.	Private aid.
2710	– *Acoustic Range Lighted Buoy E*	33 58.9 119 38.9	Fl Y 4^{s}			Yellow.	Private aid.
2715	– *Oceanographic Lighted Buoy*	33 55.1 119 43.9	Fl (3) Y 20^{s}			Yellow.	Maintained by U.S. Navy.
2720	– *Meteorological Lighted Buoy*	33 58.3 119 38.5	Fl (4) W 1^{s}			Yellow.	Maintained by U.S. Navy.
2725	– *Oceanographic Lighted Buoy 2*	33 24 119 39	Fl (3) W 20^{s}			Yellow.	Maintained by U.S. Navy.
2730	– *Oceanographic Lighted Buoy 3*	33 27 119 49	F W			Black with orange stripe.	Maintained by U.S. Navy.
2735	– *Oceanographic Lighted Buoy 4*	33 58.3 119 06.7	Fl (4) Y 1^{s}			Yellow.	Maintained by U.S. Navy.
2740	– *Oceanographic Lighted Buoy 5*	34 05.3 119 06.7	Fl (3) W 20^{s}			Yellow.	Mantained by U.S. Navy.
2745	– *Meteorological Lighted Buoy 2*	33 55.1 119 44.1	Fl (4) W 1^{s}			Yellow.	Maintained by U.S. Navy.
	SANTA CRUZ CHANNEL (Chart 18728)						
2750	GULL ISLAND LIGHT	33 56.9 119 49.5	Fl W 4^{s}	*73*	6	White pyramidal structure.	Visible from 265° to 127°, partially obscured by hills elsewhere.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SANTA CRUZ CHANNEL (Chart 18728)	N/W					
	Newport Bay						
	Coronado Cays Channel						
2755	SOUTH POINT LIGHT	33 53.8 120 07.1	**Fl W** 6^{s}	530	8	Small white house.	Visible from 272° to 115°, partially obscured by hills elsewhere.
	SAN MIGUEL PASSAGE (Chart 18727)						
2760	*Point Bennett Lighted Whistle Buoy 6*	34 01.3 120 27.8	**Fl R** 4^{s}		4	Red.	
2765	*Richardson Rock Lighted Whistle Buoy 8*	34 06.5 120 31.6	**Fl R** 2.5^{s}		4	Red.	
	SAN PEDRO CHANNEL (Chart 18746)						
	Anaheim Bay						
2770	– *Entrance Lighted Bell Buoy 1*		**Fl G** 4^{s}		4	Green.	
2775	– *Entrance Lighted Whistle Buoy 2*	33 43 118 06.5	**Q R**		3	Red.	
2780	– RANGE FRONT LIGHT	33 44.2 118 05.5	**Q G**	45		KRW on skeleton tower.	Visible 4° each side of rangeline.
2785	– RANGE REAR LIGHT 200 yards 036°48′ from front light.		**Iso G** 6^{s}	57		KRW on skeleton tower.	Visible 4° each side of rangeline.
2790	– Entrance Buoy 3					Green can.	
2795	– Entrance Buoy 4					Red nun.	
2800	– WEST JETTY LIGHT 5	33 43.7 118 06.1	**Fl G** 2.5^{s}	31	5	SG on pole.	HORN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si-2^{s} bl-14^{s} si).
2805	– EAST JETTY LIGHT 6	33 43.6 118 06	**Fl R** 2.5^{s}	27	5	TR on pole.	
2810	– Channel Buoy 7					Green can.	
2815	– Channel Buoy 8					Red nun.	
2820	– Channel Buoy 9					Green can.	
2825	– CHANNEL LIGHT 10	33 44.1 118 34.7	**Fl R** 4^{s}	15	4	TR on dolphin.	
	Alamitos Bay						
2830	– EAST JETTY LIGHT 2	33 44.2 118 07.2	**Fl R** 2.5^{s}	25	5	TR on concrete pyramid.	
2835	– WEST JETTY LIGHT 1		**Iso G** 6^{s}	25	7	SG on concrete pyramid.	HORN: 1 blast ev 15^{s} (2^{s} bl).
2840	– CHANNEL LIGHT 3	33 44.7 118 07	**Fl G** 2.5^{s}	16	5	SG on pole.	
	Long Beach Harbor						
2845	LONG BEACH BREAKWATER EAST END LIGHT 1	33 43.4 118 08.2	**Fl G** 6^{s}	43	5	SG on skeleton tower.	HORN: 1 blast ev 15^{s} (2^{s} bl). Operates continuously.
2850	**Belmont Pier Fog Signal**	33 45.3 118 08.9					HORN: 1blast ev 20^{s} (2^{s} bl). Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SAN PEDRO CHANNEL (Chart 18746)	N/W					
	Long Beach Harbor						
	Coronado Cays Channel						
2855	– *Lighted Mooring Buoy A-1*	33 43.6 118 09.1	**Q W**			White with blue bands.	Private aid.
2860	– *Lighted Mooring Buoy A-2*	33 44.5 118 09.3	**Q W**			White with blue bands.	Private aid.
2865	– *Lighted Mooring Buoy A-3*	33 44.6 118 09.5	**Q W**			White with blue band.	Private aid.
2870	– *Lighted Mooring Buoy A-4*	33 44.7 118 09.2	**Q W**			White with blue band.	Private aid.
2875	– *Lighted Mooring Buoy A-5*	33 44.7 118 08.6	**Q W**			White with blue band.	Private aid.
2880	– *Lighted Mooring Buoy A-6*	33 44.6 118 08.9	**Q W**			White with blue band.	Private aid.
2885	DOWNTOWN MARINA JETTY LIGHT	33 45.6 118 10.8	**Q W**			On steel pole. 10	Private aid.
2890	DOWNTOWN MARINA BREAKWATER LIGHT EAST	33 45.5 118 10.9	**Fl G** 4^{s}			On steel pole. 4	HORN: 1 blast ev 20^{s} (2^{s} bl). Private aid.
2895	DOWNTOWN MARINA BREAKWATER LIGHT WEST	33 45.4 118 10.9	**Fl R** 4^{s}			On steel pole. 4	Private aid.
2900	DOWNTOWN MARINA ENTRANCE LIGHT EAST	33 45.5 118 10.8	**Fl R** 4^{s}			On steel pole. 10	Private aid.
2905	DOWNTOWN MARINA ENTRANCE LIGHT WEST	33 45.5 118 11	**Fl G** 4^{s}			On steel pole. 10	Private aid.
2910	DOWNTOWN MARINA MOLE LIGHT	33 45.5 118 11.5	**Fl W** 4^{s}			On steel pole. 10	Private aid.
2915	SHORELINE MARINA ENTRANCE LIGHT EAST	33 45.6 118 11.5	**F R**			On steel pole. 10	Private aid.
2920	SHORELINE MARINA ENTRANCE LIGHT WEST	33 45.6 118 11.6	**F G**			On steel pole. 10	Private aid.
2925	LONG BEACH SHORELINE MARINA ENTRANCE LIGHT	33 45.6 118 11.5	**Fl W** 10^{s}	71		On blue and white building.	Private aid.
	Queensway Bay Marina						
2930	– Buoy A	33 45.3 118 11.4				White and orange worded WELCOME TO QUEENSWAY BAY MARINA.	Private aid.
2935	– *Lighted Buoy B*	33 45.3 118 11.4	**Fl W** 4^{s}			White and orange.	Private aid.
2940	– *Lighted Buoy C*	33 45.3 118 11.6	**Fl W** 4^{s}			White and orange.	Private aid.
2945	– *Lighted Buoy D*	33 45.4 118 11.6	**Fl W** 4^{s}			White and orange.	Private aid.
2950	– *Lighted Buoy E*	33 45.4 118 11.7	**Fl W** 4^{s}			White and orange.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Eleventh District				
		N/W					
	SAN PEDRO CHANNEL (Chart 18746)						
	Long Beach Harbor						
	Queensway Bay Marina						
2955	- Buoy F	33 45.4 118 11.8				White and orange worded WELCOME TO QUEENSWAY BAY MARINA	Private aid.
2960	NAVY LANDING ENTRANCE LIGHT	33 45.7 118 11.9	**Fl W** 6^{s}	31	6		HORN: 2 blast ev 30^{s} (2^{s} bl-1^{s} si-2^{s} bl-25^{s} si). Private aid.
2965	NAVY LANDING WEST LIGHT		**F G**	27		Pole.	Private aid.
2970	Los Angeles River Daybeacon A					NW worded SILL on pole.	Private aid.
2975	Los Angeles River Daybeacon B					NW worded SILL on pole.	Private aid.
2980	- PIER J LIGHT J	33 44.3 118 11.1	**Fl W** 4^{s}	26	6	NR on pole.	
2985	- *Lighted Mooring Buoy*	33 44.5 118 10.9	**Q W**			White with blue band.	Private aid.
2990	- *Lighted Mooring Buoy*	33 44.6 118 10.9	**Q W**			White with blue band.	Private aid.
2995	- *Lighted Mooring Buoy*	33 44.7 118 11	**Q W**			White with blue band.	Private aid.
3000	- *Lighted Mooring Buoy*	33 44.8 118 11.1	**Q W**			White with blue band.	Private aid.
3005	- *Lighted Mooring Buoy*	33 45 118 11.1	**Q W**			White with blue band.	Private aid.
	Long Beach						
3010	- *Approach Lighted Whistle Buoy LB*	33 42.1 118 11	**Mo (A) W**		6	Red and white stripes.	
3015	- ENTRANCE LIGHT 2	33 43.4 118 10.8	**Fl R** 2.5^{s}	41	5	TR on white skeleton tower.	
3020	- *Lighted Buoy 3*	33 43.6 118 11.5	**Fl G** 4^{s}		4	Green.	
3025	**Long Beach Light**	33 43.4 118 11.2	**Fl W** 5^{s}	50	24	White rectangular tower on white building on columnar base. 42	RBN: 296 kHz LB (•−•• −•••). Antenna at light tower. HORN: 1 blast ev 30^{s} (3^{s} bl).
3030	- PIER A LIGHT	33 45.2 118 12	**Fl W** 30^{s}	147			Private aid.
3035	- PIER J LIGHT 4	33 44.3 118 12.2	**Fl R** 2.5^{s}	26	5	TR on pole.	HORN: 1 blast ev 10^{s} (1^{s} bl). Higher intensity beam up and down channel.
3040	SOUTHEAST BASIN ENTRANCE LIGHT 1	33 44.4 118 12.3	**Q G**	14	5	SG on pole.	
3045	SOUTHEAST BASIN LIGHT 3	33 44.6 118 11.9	**Fl G** 2.5^{s}	14	5	SG on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SAN PEDRO CHANNEL (Chart 18746)	N/W					
	Long Beach						
3050	– PIER F LIGHT F	33 44.4 118 12.4	**Iso W** 6^s	26	9	NR on pole.	
3055	*Long Beach Midchannel Lighted Buoy A*	33 44.4 118 12.6	**Mo (A) W**		6	Red and white stripes.	
3060	– LIGHT 6	33 44.8 118 12.9	**Fl R** 2.5^s	20	5	TR on pole.	HORN: 1 blast ev 15^s (2^s bl). Higher intensity beam up and down channel.
3065	– NAVY BASE MOLE LIGHT 5		**Fl G** 2.5^s	26	5	SG on pole.	HORN: 2 blast ev 20^s (2^s bl-2^s si-2^s bl-14^s si). Higher intensity beam up and down channel.
3070	*Long Beach Midchannel Lighted Buoy B*	33 45 118 13	**Mo (A) W**		6	Red and white stripes.	
3075	– LIGHT 8		**Fl R** 2.5^s	20	6	TR on pole.	HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si).
3080	LONG BEACH BERTH 118 LIGHT	33 45.7 118 13.2	**F G**	15		On dolphin.	Private aid.
3085	LONG BEACH INNER HARBOR INTAKE STRUCTURE SOUTH LIGHT	33 45.9 118 13.8	**Q G**	7		On deck of pier.	Private aid.
3090	LONG BEACH INNER HARBOR INTAKE STRUCTURE NORTH LIGHT		**Q G**		7	On deck of pier.	Private aid.
3095	– Outfall Daybeacon 13	33 45.9 118 13.3				SW on pile.	Private aid.
3100	*San Pedro Bay Wreck Lighted Buoy WR2*	33 44.3 118 14.3	**Q R**		3	Red.	
	Los Angeles Channel						
3105	– *Approach Lighted Bell Buoy LA*	33 42 118 14.5	**Mo (A) W**		6	Red and white stripes.	
3110	**Los Angeles Light**	33 42.5 118 15	**Fl G** 15^s	73	22	White cylindrical tower, on concrete block. 69	RBN: 302 kHz A (•–) II, V. Special Directon Finder Calibration Service, see p. xxii. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Emergency light of lower intensity when main light is extinguished.
3115	LOS ANGELES MAIN CHANNEL ENTRANCE LIGHT 2	33 42.6 118 14.6	**Fl R** 2.5^s	42	5	TR on white skeleton tower on white conrete house.	
3120	LOS ANGELES MAIN CHANNEL RANGE FRONT LIGHT	33 43.3 118 16.3	**Q G**	68		KRW on pole.	Visible all around; higher intensity on rangeline.
3125	LOS ANGELES MAIN CHANNEL RANGE REAR LIGHT 160 yards 302° from front light.		**Iso R** 6^s	96		KRW on building.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SAN PEDRO CHANNEL (Chart 18746)	N/W					
	Los Angeles Channel						
3130	*Los Angeles Main Channel Lighted Buoy 4*	33 43 118 15.5	**Fl R** 4^{s}		4	Red.	
3135	*Los Angeles Main Channel Lighted Buoy 3*		**Q G**		4	Green.	
3140	– *Lighted Buoy 5*	33 43 118 16.1	**Fl G** 2.5^{s}		3	Black.	
3145	– CHANNEL LIGHT 6	33 43.3 118 16	**Fl R** 2.5^{s}	20	5	TR on pole.	HORN: 1 blast ev 15^{s} (2^{s} bl).
3150	– LIGHT 10		**F R**	10	7	Red iron post on concrete pier.	Private aid.
3155	Los Angeles Southwest Slip Danger Buoy	33 45.3 118 16.5				Orange and white buoy with orange band near top and waterline, with orange diamond worded DANGER SUBMERGED RAMP.	Private aid.
3160	Los Angeles Southwest Slip Danger Daybeacon	33 45.3 118 16.6		8		Square white daymark with orange border and orange diamond in center worded DANGER SUBMERGED RAMP.	Private aid.
	Los Angeles East Basin Channel						
3165	– LIGHT 1	33 45.2 118 16	**Fl G** 4^{s}	34	6	SG on dolphin.	HORN: 1 blast ev 30^{s} (3^{s} bl).
3170	– LIGHT 2	33 45.9 118 15.2	**Fl R** 4^{s}	15	5	TR on pile.	
3175	– Buoy 4					Red nun.	
	Cerritos Channel						
3180	– *Lighted Buoy 1*		**Fl G** 4^{s}		4	Black.	
3185	TERMINAL ISLAND JETTY LIGHT TI	33 44.1 118 14.8	**Fl W** 4^{s}	25		NR on pole.	Private aid.
	Fish Harbor						
3190	– *Channel Approach Lighted Buoy 2*	33 43.5 118 15.6	**Fl R** 4^{s}		4	Red.	
3195	*Los Angeles Outer Harbor Lighted Mooring Buoy*	33 43.7 118 15.3	**Fl W** 5^{s}			White with blue band.	Private aid.
3200	*Los Angeles Harbor Special Purpose Lighted Buoy*	33 43.9 118 15	**Fl W** 4^{s}			Orange and white bands.	Private aid.
3205	*Los Angeles Outer Harbor Lighted Mooring Buoy A*	33 43.9 118 14.9	**Q W**			White with blue band.	Private aid.
3210	*Los Angeles Outer Harbor Lighted Mooring Buoy B*	33 44 118 14.8	**Q W**			White with blue band.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
		N/W					
	SAN PEDRO CHANNEL (Chart 18746)						
	Fish Harbor						
3215	*Los Angeles Outer Harbor Lighted Mooring Buoy C*	33 44 118 14.6				White with blue band.	Private aid.
3220	*Los Angeles Outer Harbor Lighted Mooring D*	33 44.1 118 14.4				White with blue band.	Private aid.
3225	– CHANNEL LIGHT 3		**Fl G** 2.5^{s}	25	5	SG on pole.	HORN: 1 blast ev 10^{s} (1^{s} bl).
3230	– CHANNEL LIGHT 4		**Fl R** 2.5^{s}	25	5	TR on pole.	
3235	– Channel Buoy 3A					Black can.	Private aid.
3240	– Cannery Channel Buoy 2					Red nun.	Private aid.
3245	– Cannery Channel Buoy 4					Red nun.	Private aid.
3250	– CHANNEL LIGHT 6		**Fl R** 4^{s}	15	5	TR on pole.	
3255	– CHANNEL LIGHT 5		**Fl G** 4^{s}	15	5	SG on pile.	
	San Pedro East Channel						
3260	– Buoy 2					Red nun.	
3265	– RANGE FRONT LIGHT	33 43.5 118 16.5	**F Y**	35		Parapet wall.	Private aid.
3270	– RANGE REAR LIGHT 65 yards 342° from front light.		**F Y**	45		Pole on roof.	Private aid.
	San Pedro West Channel						
3275	*– Lighted Buoy 1*	33 42.8 118 16.4	**Fl G** 4^{s}		4	Green.	
3280	– APPROACH RANGE FRONT LIGHT	33 42.6 118 16.9	**F Y**	61		Red striped pole.	Private aid.
3285	– APPROACH RANGE REAR LIGHT 220 yards, 255° from front light.		**F Y**	86		Red striped pole.	Private aid.
3290	CABRILLO BEACH LAUNCH RAMP LIGHT NORTH	33 42.8 118 16.9	**Fl W** 4^{s}	11			Private aid.
3295	CABRILLO BEACH LAUNCH RAMP LIGHT SOUTH	33 42.8 118 16.9	**Fl W** 4^{s}	15			Private aid.
3300	*– Lighted Buoy 3*	33 42.8 118 16.6	**Fl G** 4^{s}		4	Green.	
3305	LOS ANGELES MARINA LIGHT	33 42.9 118 16.7	**Fl W** 4^{s}	24			Private aid.
	SANTA MONICA BAY (Chart 18744)						
	Redondo Harbor						
3310	Redondo Beach Fish Haven Buoy					Orange and white bands; spar.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SANTA MONICA BAY (Chart 18744)	N/W					
	Redondo Harbor						
3315	– Entrance Danger Buoy	33 50.5 118 23.5				White can with orange band near top and waterline with orange diamond.	Private aid. Marks discharge tower.
3320	– LIGHT	33 50.9 118 23.6	**Fl W** 10^{s}	165		145	Private aid.
3325	*– Entrance Lighted Bell Buoy 1*	33 50.3 118 23.8	**Fl G** 2.5^{s}		3	Green.	
3330	REDONDO BEACH WEST JETTY LIGHT 3	33 50.5 118 23.7	**Fl G** 4^{s}	35	4	SG on column.	
3335	REDONDO BEACH EAST JETTY LIGHT 2	33 50.5 118 23.6	**Fl R** 4^{s}	20	9	Round concrete white house.	RBN: 319 kHz RB (•—• —•••). HORN: 1 blast ev 10^{s} (1^{s} bl).
3340	MOLE C LIGHT		**F R**	17		On pole.	Private aid.
3345	PORTOFINO LIGHT 1		**F G**			On pole.	Private aid.
3350	PORTOFINO LIGHT 2		**F R**			Pole.	Private aid.
3355	KING HARBOR LIGHT 1		**F G**	17		Pole.	Private aid.
3360	KING HARBOR LIGHT 2		**F R**			Pole.	Private aid.
3365	– Intake Obstruction Buoy	33 50.7 118 23.9				Red and black bands; can.	Private aid.
3370	– Intake Obstruction Buoy					Red and black bands; can.	Private aid.
3375	**Hermosa Beach Pier Fog Signal**	33 51.7 118 24.3					HORN: 1 blast ev 15^{s} (2^{s} bl). Private aid.
3380	*El Segundo Lighted Bell Buoy 2ES*	33 54.5 118 27.5	**Fl W** 4^{s}			Red.	Private aid.
3385	El Segundo Special Purpose Buoy A	33 54.8 118 26.8				Orange and white bands; spar.	Private aid.
3390	El Segundo Buoy 4ES	33 54.4 118 25.9				Red nun.	Private aid.
3395	El Segundo Danger Buoy South	33 54.5 118 25.8				White with orange band near top and waterline worded DANGER in orange diamond.	Private aid.
3400	El Segundo Buoy 6ES	33 54.5 118 26				Red nun.	Private aid.
3405	El Segundo Danger Buoy North	33 54.5 118 25.9				White with orange band near top and waterline worded DANGER in orange diamond.	Private aid.
3410	Scattergood Intake Buoy 8ES	33 55 118 26.1				Red nun.	Private aid.
3415	EL SEGUNDO LIGHT ES	33 54.6 118 25.7	**Fl W**	24		NR on pile.	Private aid.
3420	*El Segundo Lighted Gong Buoy 10ES*	33 55.2 118 26.5	**Q R**			Red.	GONG: 1 stroke ev 15^{s}. Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SANTA MONICA BAY (Chart 18744)	N/W					
	Redondc Harbor						
3425	Hyperion Outfall Obstruction Buoy	33 55.1 118 26.9				Red and green bands; nun.	Private aid.
3430	Hyperion Marker Buoy	33 55.3 118 26.3				White can with orange band near top and waterline with orange diamond worded DANGER.	Private aid.
3435	Hyperion Marker Buoy A	33 55 118 26.2				White can with orange diamond; worded DANGER SUBMERGED PIPE.	Private aid.
3440	Hyperion Marker Buoy B	33 55.3 118 26.1				White can with orange diamond; worded DANGER SUBMERGED PIPE.	Private aid.
	Marina Del Rey						
3445	– BREAKWATER SOUTH LIGHT 1	33 57.5 118 27.5	Fl G 6^s	30	5	SG on pole.	
3450	– BREAKWATER NORTH LIGHT 2	33 57.8 118 27.8	Fl R 6^s	23	5	TR on pole.	
3455	– LIGHT 3	33 57.8 118 27.6	Fl G 4^s	30	9	SG on white building.	RBN: 289 kHz MR (— — • — •). Obscured 151° to 331°. HORN: 2 blasts ev 20^s (2^s bl-2^s si-2^s bl-14^s si).
3460	– LIGHT 4	33 57.6 118 27.5	Fl R 4^s	45	5	TR on skeleton tower.	
3465	– PIER LIGHT	33 58.2 118 26.8	Fl W 4^s	15	7	NR on pole.	
3470	– LIGHT 5	33 58.3 118 26.9	F G	3			Private aid.
3475	– LIGHT 7		F G	3			Private aid.
3480	– LIGHT 9		F G	3		Pile.	Private aid.
3485	– LIGHT 10		F R	3			Private aid.
3490	– LIGHT 11		F G	3		Pile.	Private aid.
3495	– LIGHT 13		F G	3			Private aid.
3500	– LIGHT 14	33 58.7 118 26.7	F R			Pile.	Private aid.
3505	– LIGHT 15		F G	3			Private aid.
3510	– LIGHT 16		F R	3		Pile.	Private aid.
3515	– LIGHT 17		F G	3		Pile.	Private aid.
3520	– LIGHT 19		F G	3		Pile.	Private aid.
3525	– LIGHT 20		F R	3		Pile.	Private aid.
3530	– LIGHT 21		F G	3			Private aid.
3535	– LIGHT 22		F R	3		Pile.	Private aid.
3540	– LIGHT 23		F G	3			Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	SANTA MONICA BAY (Chart 18744)	N/W					
	Marina Del Ray						
3545	**Venice Fishing Pier Fog Signal**	33 58.6 118 28.2					HORN: 1 blast ev 10^{s} (2^{s} bl). Private aid.
3550	*Santa Monica Entrance Lighted Bell Buoy 1*	34 00.2 118 30.2	**Fl G** 4^{s}		4	Green.	
3555	**Santa Monica Fog Signal**	34 00.5 118 29.8					HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si-2^{s} bl-24^{s} si). Private aid.
3560	Santa Monica Breakwater South End Danger Buoy	34 00.3 118 30				White can with orange band near top and waterline with orange diamond worded JETTY.	Private aid.
3565	Santa Monica Breakwater North End Danger Buoy	34 00.6 118 30.3				White can with orange band near top and waterline with orange diamond worded JETTY.	Private aid.
3570	Santa Monica Fish Haven Buoy	34 00.6 118 31.7				Orange and white bands; spar.	Private aid.
3575	– East Cable Area Buoy	34 01.4 118 32.2				Orange and white bands; spar worded SUBMARINE CABLE.	Private aid.
3580	– West Cable Area Buoy					Orange and white bands; spar worded SUBMARINE CABLE.	Private aid.
	PORT HUENEME TO SANTA BARBARA (Chart 18725)						
	Port Hueneme						
3585	**Point Hueneme Light**	34 08.7 119 12.5	**Fl (5) W** 30^{s} 0.1^{s} fl 4.9^{s} ec 0.1^{s} fl 4.9^{s} ec 0.1^{s} fl 4.9^{s} ec 0.1^{s} fl 4.9^{s} ec 0.1^{s} fl 9.9^{s} ec	52	20	White square tower on building. 48	Obscured from 155° to 296°. HORN: 1 blast ev 30^{s} (3^{s} bl). On point 251° from light.
3590	Ormond Beach Buoy 20B	34 07.4 119 10.5				Red nun.	Private aid.
3595	– *Entrance Lighted Whistle Buoy 2*	34 08.3 119 12.9	**Fl R** 4^{s}		4	Red.	
3600	– EAST JETTY LIGHT 4	34 08.6 119 12.7	**Fl R** 2.5^{s}	27	5	TR on pole.	
3605	– RANGE FRONT LIGHT	34 09.1 119 12.3	**Q R**	61		KWR on pole.	Visible 4° each side of rangeline.
3610	– RANGE REAR LIGHT 247 yards 037° from front light.		**Iso R** 6^{s}	86		KWR on pole.	Visible 4° each side of rangeline.
3615	– WEST JETTY LIGHT 3	34 08.6 119 12.8	**Fl G** 2.5^{s}	37	6	SG on pole.	
3620	– *Channel Lighted Buoy 5*	34 08.7 119 12.7	**Fl G** 4^{s}			Green.	
3625	– *Channel Lighted Buoy 6*	34 08.7 119 12.6	**Fl R** 4^{s}		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Eleventh District						
	PORT HUENEME TO SANTA BARBARA (Chart 18725)	N/W					
	Channel Islands Harbor						
3630	– BREAKWATER SOUTH LIGHT 1	34 09.3 119 13.7	**Fl G** 6^s	35	6	SG on square platform on white column.	
3635	– BREAKWATER NORTH LIGHT		**Fl W** 4^s	35	7	NR on square platform on white column.	
3640	– SOUTH JETTY LIGHT 2	34 09.4 119 13.6	**Fl R** 2.5^s	35	6	Rectangular concrete.	RBN: 308 kHz Cl (—•—• ••). HORN: 1 blast ev 15^s (1^s bl).
3645	– NORTH JETTY LIGHT 3	34 09.4 119 13.7	**Fl G** 4^s	35	6	SG on square platform on white column.	
3650	– SOUTH JETTY LIGHT 4	34 09.5 119 13.4	**Fl R** 4^s	25	5	TR on pole.	Obscured from 230° to 060°.
3655	– NORTH JETTY LIGHT 5	34 09.6 119 13.4	**Fl G** 4^s	25	6	SG on pole.	
3660	*Mandalay Beach Lighted Buoy 2MB*	34 12 119 16.4	**Fl W** 4^s			Red.	Private aid.
3665	Mandalay Pipeline Marker Buoy	34 11.6 119 15.9				Orange and white bands; worded SUBMARINE PIPELINE.	Private aid.
3670	Mandalay Pipeline Marker Buoy	34 11.7 119 16.3				Orange and white bands; worded SUBMARINE PIPELINE.	Private aid.
	Ventura						
3675	– *Marina Entrance Lighted Whistle Buoy 2*	34 14.3 119 16.9	**Fl R** 2.5^s		4	Red.	
3680	– *Union Lighted Bell Buoy 2VU*	34 14.9 119 17.1	**Fl W** 4^s			Red.	Private aid.
3685	– MARINA BREAKWATER SOUTH LIGHT 3		**Fl G** 2.5^s	26	5	SG on pole.	
3690	– Marina Channel Buoy 4	34 14.7 119 16.2				Red nun.	
3695	– Marina Channel Buoy 5					Black can.	
3700	– MARINA SOUTH JETTY LIGHT 6	34 14.8 119 16 2	**Fl R** 4^s	26	6	TR on pole.	RBN: 314 kHz VM (•••— ——). HORN: 1 blast ev 10^s (1^s bl).
3705	– MARINA NORTH JETTY LIGHT 7		**Fl G** 4^s	26	5	SG on pole.	
3710	*NOAA Enviromental Lighted Buoy 46023*	34 15 120 40	**Fl (4) Y** 20^s			Yellow disk shaped buoy.	
3715	– Marina Channel Buoy 8					Red nun.	
3720	– Marina Channel Buoy 9					Black can.	
3725	– Marina Channel Buoy 10					Red nun.	
3730	– Marina Channel Buoy 12					Red nun.	
3735	– *Getty Lighted Buoy 2VG*	34 15.8 119 18	**Fl W** 10^s			Red.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Eleventh District						
	PORT HUENEME TO SANTA BARBARA (Chart 18725)	N/W					
	Ventura						
3740	RINCON ISLAND LIGHT	34 20.8 119 26.7	**Fl W 5^s**	46		On skeleton tower.	HORN: 1 blast ev 15^s (2^s bl). Private aid.
	Santa Barbara Harbor						
	Positions of buoys frequently shifted with changing conditions.						
3745	Santa Barbara Sewer Outfall Buoy	34 23.7 119 39.8				White can with orange band near top and waterline with orange circle worded PIPELINE, NO ANCHORING.	Private aid.
3750	- BREAKWATER LIGHT	34 24.3 119 41.2	**Iso W 6^s**	35	9	NG on white column.	
3755	- *Lighted Bell Buoy 1*	34 24.1 119 40.7	**Fl G 4^s**		5	Black.	
3760	- *Lighted Buoy 3*		**Fl G 2.5^s**		4	Green.	
3765	- LIGHT 4	34 24.5 119 41	**Fl R 6^s**	25	7	On pole.	HORN: 2 blasts ev 20^s (2^s bl-2^s si-2^s bl-14^s si).
3770	- Buoy 5					Green can.	
3775	- Buoy 6					Red nun.	
3780	- Buoy 6A					Red nun.	
3785	- Buoy 7					Green can.	
3790	- Buoy 8					Red nun.	
3795	- LIGHT 12	34 24.4 119 41.4	**Q R**	11	5	TR on dolphin.	
3800	**Santa Barbara Radiobeacon**	34 24.5 119 41.1					RBN: 294 kHz SB (••• —•••). Antenna on building.
	SANTA CRUZ ISLAND TO PURISMA POINT (Chart 18721)						
3805	Cojo Anchorage Special Purpose Buoy	34 26.5 120 23.6				Orange and white bands; spar.	Private aid.
3810	*SALM Lighted Horn Buoy*	34 24.3 120 06	**Q W**			Orange and white bands.	Private aid.
	CALIFORNIA - Twelfth District						
	ESTERO BAY (Chart 18703)						
3815	*Point San Luis Lighted Whistle Buoy 3*	35 09.2 120 44.9	**Fl G 4^s**		4	Black.	
3820	San Luis Obispo Buoy 2					Red nun.	
3825	Lansing Rock Buoy					Red and black bands; nun.	
3830	San Luis Obispo Buoy 5					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA – Twelfth District				
	ESTERO BAY (Chart 18703)	N/W					
3835	MORRO BAY WEST BREAKWATER LIGHT	35 21.8 120 52.1	**Fl W** 5^{s}	36	15	White cylindrical structure.	Obscured from 176° to 207°. RBN: 310 kHz M (— —). Antenna at light tower. Unreliable in area east of bearing 306° to shore. HORN: 1 blast ev 30^{s} (3^{s} bl).
	Morro Bay Channel						
3840	*Morro Bay Entrance Lighted Bell Buoy 1*	35 21.7 120 52.4	**Fl G** 4^{s}		3	Green.	
3845	– *Lighted Buoy 2*	35 21.8 120 52	**Fl R** 4^{s}		3	Red.	
3850	– *Lighted Buoy 3*		**Fl G** 4^{s}	3		Green.	
3855	– *Lighted Buoy 4*		**Fl R** 2.5^{s}	3		Red.	
3860	– *Lighted Buoy 5*		**Fl G** 4^{s}	3		Green.	
3865	– *Lighted Buoy 6*		**Fl R** 6^{s}	4		Red.	
3870	– *Lighted Buoy 7*		**Fl G** 4^{s}	4		Green.	
3875	– *Lighted Buoy 8*		**Fl R** 2.5^{s}	3		Red.	
3880	– Buoy 10					Red nun.	
3885	– Daybeacon 12					TR on pile.	
3890	– Daybeacon 14					TR on pile.	
3895	– Daybeacon 16					TR on pile.	
3900	– Daybeacon 17					SG on pile.	
3905	– Daybeacon 18					TR on pile.	
3910	– Daybeacon 20					TR on pile.	
3915	Morro Creek Outfall Buoy A	35 23.2 120 52.4				Orange and white bands.	Private aid.
3920	Morro Creek Outfall Buoy B					Orange and white bands.	Private aid.
	Estero Bay						
3925	Morro Creek Submarine Terminal Buoy	35 23 120 52.9				White nun.	Private aid.
3930	– Gong Buoy 10E	35 23 120 52.2				Red.	
3935	Morro Beach Submarine Terminal Buoy	35 24 120 52.6				White spar.	Private aid.
3940	– *Lighted Whistle Buoy*	35 24.1 120 55.9	**Mo (A) W**		7	Black and white stripes.	
3945	Toro Creek Submarine Terminal Bell Buoy	35 24.4 120 53.1				White spar.	Private aid.
3950	Estero Submarine Terminal Gong Buoy	35 24.9 120 53.4				White.	Private aid.
3955	Mouse Rock Bell Buoy 3MR	35 26.3 120 54.4				Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
		N/W					
	ESTERO BAY (Chart 18703)						
	Estero Bay						
3960	Constantine Rock Buoy 1CR	35 26.2 120 56.6				Green can.	
	MONTEREY BAY (Chart 18685)						
	Monterey						
3965	- *Bay Lighted Bell Buoy 4*	36 37.5 121 53.7	**Fl R** 4^{s}		4	Red.	
3970	- HARBOR LIGHT 6	36 36.5 121 53.3	**Oc R** 4^{s}	20	7	TR on white square house.	HORN: 1 blast ev 30^{s} (3^{s} bl).
3975	- *Bay Danger Area Lighted Buoy B*	36 43.4 121 50.9	**Fl Y** 4^{s}		4	Yellow.	
3980	- *Bay Danger Area Lighted Gong Buoy A*		**Fl Y** 6^{s}		6	Orange and white stripes.	
3985	- Bay Mooring Buoy CG	36 36.5 121 53.5				White with blue band.	
	Moss Landing						
3990	- *Harbor Entrance Lighted Bell Buoy MLA*	36 47.9 121 48	**Mo (A) W**		5	Red and white stripes; red spherical topmark.	
3995	- Discharge Buoy 2					Red.	Private aid.
4000	- HARBOR ENTRANCE RANGE FRONT LIGHT	36 48.6 121 47.1	**Q G**	15		KRW on red pile.	Visible 5° each side of rangeline.
4005	- HARBOR ENTRANCE RANGE REAR LIGHT 63 yards 052° from front light.		**Iso G** 6^{s}	25		KRW on red pile.	
4010	- Harbor Channel Buoy 1					Green can.	
4015	- **Harbor Entrance Radiobeacon**	36 48.4 121 47.2					RBN: 298 kHz ML (—— •—••). HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si-2^{s} bl-24^{s} si).
4020	- HARBOR ENTRANCE LIGHT 3		**Fl G** 4^{s}	22	3	SG on pile.	Ra ref.
4025	- HARBOR ENTRANCE LIGHT 2	36 48.3 121 47.3	**Oc R** 4^{s}	22	8	TR on pile.	Ra ref.
4030	- HARBOR CHANNEL LIGHT 4		**Fl R** 4^{s}	15	3	TR on pile.	
4035	- Harbor Channel Daybeacon 5					SG on pile.	
4040	- Harbor Channel Buoy 6					Red nun.	
4045	- HARBOR CHANNEL LIGHT 8		**Fl R** 2.5^{s}	15	3	TR on pile.	
4050	- Harbor Channel Buoy 9					Green can.	
4055	- Harbor Channel Buoy 11					Green can.	
4060	- Anchorage Bell Buoy	36 48.9 121 48				Orange and white bands.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

CALIFORNIA - Twelfth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	MONTEREY BAY (Chart 18685)	N/W					
	Moss Landing						
4065	- Mooring Buoy CG	36 49.1 121 48.8				White with blue band.	
4070	Soquel Cove Mooring Buoy CG	36 58 121 56.8				White with blue band.	
4075	Soquel Cove Artificial Fishing Reef Buoy	36 57 121 59				Orange and white bands.	Private aid.
	Santa Cruz						
4080	- *Lighted Whistle Buoy SC*	*36 56.3* *122 00.5*	**Mo (A) W**		5	Black and white stripes.	
4085	- WEST BREAKWATER LIGHT	36 57.6 122 00.1	**Oc G** 4^{s}	36	6	White square house.	RBN: 294 kHz SC(••• —•—•). HORN: 1 blast ev 30^{s} (2^{s} bl).
4090	- Harbor Buoy 1					Green can.	Maintained from Apr. 1 to Nov. 1.
4095	- *Harbor Lighted Buoy 2*		**Fl R** 4^{s}		3	Red.	Maintained from Apr. 1 to Nov. 1.
4100	- Harbor Buoy 3					Green can.	Maintained from Apr. 1 to Nov. 1.
4105	- Harbor Buoy 4					Red nun.	Maintained from Apr. 1 to Nov. 1.
4110	- **Light**	36 57.1 122 01.6	**Fl W** 5^{s}	60	17	White lantern house on square brick tower attached to brick building. 39	Obscured from 060° to 290°.
4115	- **Municipal Wharf Fog Signal**	36 57.5 122 00.9					HORN: 1 blast ev 15^{s} (2^{s} bl). Maintained from Apr. 1 to Nov. 1. Private aid.
4120	- Mooring Buoy CG	36 57.5 122 00.7				White with blue band.	
	HALF MOON BAY (Chart 18682)						
4125	*Southeast Reef Southern End Lighted Gong Buoy 1S.*	37 27.9 122 28.1	**Fl G** 6^{s}		4	Green.	
	Pillar Point Harbor						
4130	- *Entrance Lighted Gong Buoy 1*	37 29.2 122 30.3	**Fl G** 2.5^{s}		4	Green.	
4135	- *Entrance Lighted Buoy 2*	37 28.4 122 29	**Fl R** 4^{s}		4	Red.	
4140	- *Entrance Lighted Bell Buoy 3*	37 28.9 122 28.9	**Fl G** 4^{s}		4	Green.	
4145	- ENTRANCE LIGHT	37 29.7 122 29	**Fl W** 2.5^{s}	50	6	White cylindrical structure.	HORN: 1 blast ev 10s (1^{s} bl). Operates continuously. High intensity beam bearing 330°. Obscured from 355° to 102°.
4150	- LIGHT 6		**Fl R** 4^{s}	30	4	TR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
	GULF OF THE FARALLONS (Chart 18645)	N/W					
	Pillar Point Harbor						
4155	South Shoal Gong Buoy 2M.	37 44.3 122 36.5				Red.	
	SAN FRANCISCO ENTRANCE (Chart 18649)						
	San Francisco Main Ship Channel						
4160	*– Lighted Bell Buoy 1*	37 46.2 122 37.2	**Iso G** 6^s		5	Green.	
4165	*– Lighted Whistle Buoy 2*		**Iso R** 6^s		5	Red.	
4170	*– Lighted Buoy 3*		**Fl G** 4^s		4	Green.	
4175	*– Lighted Buoy 4*		**Fl R** 4^s		4	Red.	
4180	*– Lighted Bell Buoy 5*	37 46.6 122 36.3	**Fl G** 6^s		4	Green.	
4185	*– Lighted Buoy 6*		**Fl R** 6^s		4	Red.	
4190	*– Lighted Bell Buoy 7*		**Fl G** 2.5^s		4	Green.	
4195	*– Lighted Whistle Buoy 8*		**Fl R** 2.5^s		4	Red.	
	DRAKES BAY (Chart 18647)						
4200	*Drakes Bay Lighted Whistle Buoy 1*	37 59 122 57.3	**Fl G** 6^s		4	Black.	
4205	*Duxbury Reef Lighted Whistle Buoy 1DR*	37 51.6 122 41.7	**Fl G** 6^s		4	Black.	
	SAN FRANCISCO ENTRANCE (Chart 18649)						
4210	BONITA CHANNEL RANGE REAR LIGHT On bluff, 1,050 yards 137° from Mile Rocks Light.		**Iso W** 6^s	326		White square house.	Visible 4° each side of range. Use with Mile Rocks Light as front light.
4215	Bonita Channel Range Lower Rear Daybeacon					White rectangular daymark.	
4220	**Point Bonita Light**	37 48.9 122 31.7	**Oc W** 4^s	124	18	White tower on building. 33	RBN: 296 kHz B (−•••). Antenna 32 feet 056° from light tower. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Emergency light of lower intensity when main light is extinguished.
4225	*Bonita Channel Lighted Whistle Buoy 2*	37 50 122 34	**Fl R** 6^s		4	Red.	
4230	Bonita Channel Buoy 4					Red nun.	
4235	*Bonita Channel Lighted Bell Buoy 3*		**Fl G** 4^s		4	Black.	
4240	*Four Fathom Bank Lighted Bell Buoy*	37 48.7 122 32.4	**Fl (2+1) R** 6^s		4	Red and green bands.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

CALIFORNIA - Twelfth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
4245	**Mile Rocks Light**	37 47.6 122 30.6	**Fl W** 5^s	49	22	Orange and white bands.	HORN: 1 blast ev 30^s (2^s bl). Structure floodlighted. Emergency light of lower intensity when main light is extinguished. Use as Front Range with Bonita Channel Range Rear Light.
4250	POINT DIABLO LIGHT	37 49.2 122 29.9	**Iso W** 6^s	85	9	White square house.	HORN: 1 blast ev 15^s (2^s bl).
	Golden Gate Bridge						
4255	- Buoy 2					Red nun.	
4260	- SOUTH PIER LIGHT		**Fl R** 15^s	50			HORNS(2): Sound simultaneously 1 blast ev 20^s (2^s bl). Private aid.
4265	**- Midchannel Fog Signal**						DIAPHONE: 2 blast ev 40^s (1^s bl-2^s si-1^s bl-36^s si). Private aid.
4270	**Lime Point Light**	37 49.5 122 28.6	**Fl W** 5^s	33	15	White brick buildings.	HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Structure is floodlighted.
	San Francisco Bay						
4275	HORSESHOE BAY EAST BREAKWATER LIGHT	37 49.9 122 28.5	**Fl R** 3^s	25		On steel pile structure.	Light obscured from 090° to 270°. Private aid.
4280	YELLOW BLUFF LIGHT	37 50.2 122 28.3	**Fl W** 6^s	75	9	NR on single pile.	
4285	Presidio Shoal Buoy 2					Red nun.	
4290	ANITA ROCK LIGHT	37 48.5 122 27.2	**Q W**	20	6	NR on cylindrical structure.	
4295	SAN FRANCISCO SUBMARINE OUTFALL LIGHT	37 48.5 122 26.9	**Fl R** 4^s	10		Pile.	Private aid.
4300	SAN FRANCISCO WEST YACHT HARBOR LIGHT 2	37 48.5 122 26.3	**Q R**	21		Pile.	Private aid.
4305	SAN FRANCISCO EAST YACHT HARBOR LIGHT 2	37 48.5 122 25.9	**Iso R** 6^s	13		Pile.	Private aid.
4310	Alcatraz Bell Buoy	37 49.7 122 25.6				Green and red bands.	
4315	**Alcatraz Light**	37 49.6 122 25.3	**Fl W** 5^s	214	22	Gray octagonal tower.	Emergency light of lower intensity when main light is extinguished.
4320	**Alcatraz South Fog Signal**					White square house.	HORN: 1 blast ev 30^s (3^s bl). Located 175 yards, 143.5° from light. Structure is floodlighted.
4325	**Alcatraz North Fog Signal**					White square house.	HORN: 2 blast ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Structure is floodlighted.
4330	*Harding Rock Lighted Buoy HR*	37 50.3 122 26.7	**Fl (2+1) R** 6^s		4	Red and green bands.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Francisco Bay						
4335	**Point Blunt Light**	37 51.2 122 25.1	**Fl G** 5^s	60	12	White square house.	HORN: 1 blast ev 15^s (2^s bl). Special Direction Finder Calibration Service, see p. xxii. Emergency light of lower intensity when main light is extinguished. Structure is floodlighted.
	Racoon Strait						
4340	- *Lighted Buoy 1*	37 50.6 122 27.1	**Fl G** 4^s		4	Green.	
4345	- *Lighted Buoy 2*	37 51.2 122 26.6	**Fl R** 4^s		3	Red.	
4350	- LIGHT 4	37 51.7 122 26.7	**Iso R** 6^s	80	7	TR on white square house.	
4355	*Belvedere Cove Lighted Buoy 1*	37 52.3 122 27.2	**Fl G** 4^s		3	Black.	
4360	CORINTHIAN HARBOR LIGHT 1	37 52.3 122 27.3	**F G**	9		On pile.	Private aid.
4365	CORINTHIAN HARBOR LIGHT 2		**F R**	9		On pile.	Private aid.
4370	- *Lighted Buoy 3*		**Fl G** 4^s		3	Black.	
4375	- LIGHT 5	37 52.8 122 26.3	**Fl G** 4^s	20	3	SG on pile.	
	Richardson Bay						
4380	CONE ROCK LIGHT	37 51.8 122 28.1	**Q W**	17	5	Black skeleton tower.	
	Sausalito Channel						
4385	- LIGHT 2		**Fl R** 4^s	15	4	TR on pile.	
4390	- LIGHT 4		**Fl R** 6^s	15	3	TR on pile.	Ra ref.
4395	- Buoy 5					Black spar.	Maintained by Corps of Engineers.
4400	- LIGHT 6	37 51.9 122 29.1	**Fl R** 4^s	15	4	TR on pile.	Ra ref.
4405	- Buoy 6A					Red spar.	Maintained by Corps of Engineers.
4410	- Buoy 8					Red nun.	
	San Francisco-Oakland Bay Bridge West Crossing						
	Aids to navigation on bridge maintained by California Dept. of Transportation						
4415	*Blossom Rock Lighted Bell Buoy BR*	37 49.1 122 24.2	**Fl (2+1) G** 6^s		4	Green and red bands.	
4420	**Pier A Fog Signal**			30			HORN: 1 blast ev 30^s (1^s bl).
4425	**Pier B Fog Signal**			30			HORN: 2 blasts ev 30^s (1^s bl 1.5^s si-1^s bl-26.5^s si).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Francisco-Oakland Bay Bridge West Crossing						
	Sausalito Channel						
4430	Pier B North Buoy					Black and red bands; can.	
4435	**Pier C East Side Fog Signal**			30			BELL: 1 stroke ev 30^{s}
4440	**Pier C West Side Fog Signal**			30			BELL: 2 strokes ev 30^{s}.
4445	**Pier D Fog Signal**			30			HORN: 3 blasts ev 30^{s} (1^{s} bl-1.5^{s} si-1^{s} bl-1.5^{s} si-1^{s} bl-24^{s} si).
4450	Pier D North Buoy					Red and black bands, nun.	
4455	Pier D South Buoy					Red and black bands, nun.	
4460	**Pier E Fog Signal**			30			HORN: 2 blasts ev 30^{s} (2^{s} bl-1.5^{s} si-1^{s} bl-25.5^{s} si).
	San Francisco-Oakland Bay Bridge East Crossing						
4465	**Pier G Fog Signal**			30			SIREN: 1 blasts ev 20^{s} (1^{s} bl)
4470	**Pier H Fog Signal**			30			SIRENS: 2 blasts ev 20^{s} (1^{s} bl-1.5^{s} si-3^{s} bl-14.5^{s} si).
4475	**Pier I Fog Signal**			30			BELL: 3 strokes ev 20^{s}.
4480	**Pier J Fog Signal**			30			BELL: 2 strokes ev 20^{s}.
4485	**Pier K Fog Signal**			30			BELL: 1 stroke ev 20^{s}.
	San Francisco Waterfront						
4490	PIER 45 EAST LIGHT	37 48.7 122 25.2	**F R**	22		Brown pyramidal structure.	SIREN: 1 blast ev 10^{s} (2^{s} bl). Private aid.
4495	PIER 45 WEST LIGHT		**(2) F R**	28 19		Gray building.	Emergency light of lower intensity when main light is extinguished. Lights mounted vertically. Private aid.
4500	PIER 39 MARINA LIGHT 4		**Fl R 4^{s}**	6		On breakwater.	Private aid.
4505	PIER 39 MARINA LIGHT 3		**Fl G 4^{s}**	6		On breakwater.	Private aid.
4510	PIER 39 MARINA LIGHT 6		**Fl R 4^{s}**	6		On breakwater.	Private aid.
4515	PIER 39 BREAKWATER LIGHT A	37 48.7 122 24.5	**Fl W 4^{s}**	14		On breakwater.	Private aid.
4520	PIER 39 BREAKWATER LIGHT B	37 48.7 122 24.5	**Fl W 2.5^{s}**	14		On breakwater.	Private aid.
4525	PIER 39 BREAKWATER CENTER LIGHT C	37 48.7 122 24.4	**Q W**	14		NB on breakwater.	Private aid.
4530	PIER 39 BREAKWATER LIGHT D	37 48.6 122 24.4	**Fl W 4^{s}**	14		On breakwater.	Private aid.
4535	PIER 39 BREAKWATER LIGHT E	37 48.6 122 24.4	**Fl W 2.5^{s}**	14		On breakwater.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Francisco Waterfront						
4540	PIER 39 BREAKWATER LIGHT F	37 48.6 122 24.4	Fl W 6^{s}	14		On breakwater.	Private aid.
4545	PIER 39 MARINA LIGHT 2	37 48.5 122 24.7	Fl R 2.5^{s}	14		TR on pole.	Private aid.
4550	PIER 27-29 WEST LIGHT	37 48.5 122 24	Iso W 2^{s}	16		Gray building.	SIREN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si-2^{s} bl-14^{s} si). Siren unreliable. Private aid.
4555	PIER 27-29 EAST LIGHT		Iso R 2^{s}	16			Private aid.
4560	PIER 17 LIGHT		F W	29		Gray building.	BELL: 36 strokes per minute. Bell unreliable. Private aid.
4565	PIER 1 NORTH LIGHT		F R	26		Gray building.	BELL: 16 strokes per minute. Bell unreliable. Private aid.
4570	PIER 1 SOUTH LIGHT		F W	26		Gray building.	Private aid.
4575	**Pier 32 Fog Signal**					Gray building.	BELL: 22 strokes per minute. Bell unreliable. Private aid.
4580	MISSION ROCK NORTHEAST CORNER LIGHT	37 46.5 122 22.8	Fl R 4^{s}			Pole.	Private aid.
4585	MISSION ROCK SOUTHEAST CORNER LIGHT	37 46.3 122 22.8	Fl R 4^{s}			Pole.	Private aid.
4590	**Santa Fe Ferry Slip Fog Signal**	37 46.2 122 23					HORN: 2 blast ev 30^{s} (3^{s} bl-3^{s} si-3^{s} bl-21^{s} si). Private aid.
4595	**Yerba Buena Island Light**	37 48.4 122 21.7	Oc W 4^{s}	95	14	White octangonal tower.	HORN: 1 blast ev 30^{s} (3^{s} bl). Emergency light of lower intensity when main light is extinguished. Light tower is floodlighted from sunset to sunrise.
4600	YERBA BUENA ISLAND WHARF LIGHT	37 48.5 122 21.6	F R	18	6	Pole.	
4605	*Oakland Harbor Bar Channel Lighted Bell Buoy 1*	37 48.2 122 21.4	Iso G 6^{s}	4		Black.	
	Oakland Outer Harbor						
4610	– RANGE B FRONT LIGHT	37 49 122 19.4	Q R	25		KRW on pile.	
4615	– RANGE B REAR LIGHT In 10 feet, 335 yards 056° from front light.		Iso R 6^{s}	56		KRW on pile.	
4620	– RANGE A FRONT LIGHT	37 48.9 122 19.4	Q G	25		KRW on white pile.	
4625	– RANGE A REAR LIGHT In 10 feet, 335 yards 059° from front light.		Iso G 6^{s}	35		KRW on white pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	Oakland Outer Harbor						
4630	- *Lighted Buoy 1B*	37 48.3 122 20.9	**Fl G** 4^{s}		3	Black.	
4635	OAKLAND SEVENTH STREET TERMINAL LIGHT 2	37 48.3 122 20.5	**Fl R** 2.5^{s}	19			Private aid.
4640	BART OBSTRUCTION LIGHTS	37 48.7 122 20.2	**(2) Q W**	9		Dolphin.	Private aid.
4645	- *Lighted Buoy 3*		**Fl G** 4^{s}		3	Black.	
4650	- *Lighted Buoy 5*		**Fl G** 4^{s}		3	Green.	
4655	- Buoy 7					Black can.	
4660	OAKLAND SEVENTH STREET TERMINAL LIGHT 1	37 48.2 122 20.4	**Fl G** 2.5^{s}	19			Private aid.
	Oakland Middle Harbor						
4665	- *Lighted Buoy*	37 48.1 122 20.3	**Fl (2+1) G** 6^{s}		3	Green and red bands.	
	Oakland Inner Harbor						
4670	- **Light 1**	37 48 122 19.8	**Fl G** 5^{s}	30	13	SG on white cylindrical tower.	HORN: 1 blast ev 15^{s} (2^{s} bl). Emergency light of lower intensity when main light is extinguished.
4675	- **Light 2**	37 47.9 122 19.9	**Fl R** 5^{s}	15	13	TR on pile.	
4680	- LIGHT 4	37 47.5 122 18.1	**Fl R** 2.5^{s}	15	7	TR on pile.	Ra ref.
	Brooklyn Basin						
4685	- South Channel Daybeacon 1	37 47.1 122 15.3				SG on pile.	
4690	- North Channel Daybeacon 2					TR on pile.	
4695	- North Channel Daybeacon 4					TR on pile.	
4700	- North Channel Daybeacon 6					TR on pile.	
4705	- North Channel Daybeacon 8					TR on pile.	
4710	- North Channel Daybeacon 10					TR on pile.	
4715	- North Channel Daybeacon 12					TR on pile.	
	San Leandro Bay						
4720	- Tidal Canal Daybeacon 1					SG on pile.	
4725	- Airport Daybeacon 3					SG on pile.	
4730	- Airport Daybeacon 4					TR on pile.	
4735	- Airport Daybeacon 5					SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Leandro Bay						
4740	- Airport Daybeacon 6					TR on pile.	
	Alameda Naval Air Station Channel						
4745	- *Entrance Lighted Bell Buoy 1*	37 46.6 122 20.4	Fl G 4^s		4	Green.	
4750	- *Entrance Lighted Buoy 2*		Fl R 4^s		4	Red.	
4755	-LIGHT 3		Fl G 2.5^s	15	4	SG on pile.	Ra ref.
4760	- LIGHT 4		Fl R 4^s	12	4	TR on pile.	Ra ref.
4765	- LIGHT 5		Fl G 2.5^s	15	4	SG on pile.	Ra ref.
4770	- LIGHT 6		Fl R 4^s	15	4	TR on pile.	Ra ref.
4775	- Daybeacon 8					TR on pile.	
	Ballena Bay Harbor						
4780	BALLENA BAY LIGHT 1	37 45.8 122 16.9	Fl G 5^s	20	6	On dolphin.	Private aid.
4785	- Buoy 2	37 45.8 122 16.9				Red nun.	Private aid.
4790	- LIGHT 3	37 45.9 122 16.9	F G	27		SG on pole.	Private aid.
4795	- Buoy 4	37 45.9 122 16.8				Red nun.	Private aid.
4800	- Buoy 6	37 45.9 122 16.8				Red nun.	Private aid.
4805	- Buoy 8	37 46 122 16.9				Red nun.	Private aid.
4810	- Buoy 10	37 46 122 16.9				Red nun.	Private aid.
4815	- Buoy 12	37 46 122 17				Red nun.	Private aid.
4820	*San Francisco Bay South Channel Lighted Buoy 1*		Fl G 4^s		4	Black.	
4825	*Anchorage 9 Lighted Buoy A*	37 44.8 122 19.4	Fl Y 4^s		4	White.	
	San Leandro Marina Channel						
4830	- LIGHT 1		Fl G 4^s	14	5	SG on pile.	HORN: 1 blast ev 30^s (3^s bl). Operated continuously from Oct. 1 to Apr. 1.
4835	- LIGHT 2		Fl R 4^s	15	4	TR on pile.	
4840	San Leandro Yacht Club Buoy					Orange and white bands; can.	Private aid.
4845	- Daybeacon 3					SG on pile.	
4850	- Daybeacon 4					TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Leandro Marina Channel						
4855	- Daybeacon 5					SG on pile.	
4860	- Daybeacon 7					SG on pile.	
4865	- Daybeacon 8					TR on pile.	
4870	- Daybeacon 9					SG on pile.	
4875	- Daybeacon 11					SG on pile.	
4880	- Daybeacon 13					SG on pile.	
4885	- Daybeacon 14					TR on pile.	
4890	- Daybeacon 15					SG on pile.	
4895	- LIGHT 6		**Fl R** 2.5^{s}	15	3	TR on pile.	Ra ref.
4900	- LIGHT 10		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
4905	- LIGHT 12		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
	Hunters Point						
4910	*Lash Terminal Lighted Buoy 1*	37 44.7 122 22.2	**Fl G** 4^{s}		3	Black.	
4915	PIER 94 NORTH END LIGHT	37 44.7 122 22.3	**Iso R** 4^{s}	11			Private aid.
4920	PIER 96 RANGE FRONT LIGHT	37 44.4 122 22.1	**F Amber**	39		KRW on shed.	Private aid.
4925	PIER 96 RANGE REAR LIGHT 80 yards, 261° from front light.		**F Amber**	49		KRW on shed.	Private aid.
4930	PIER 96 LIGHTER BASIN ENTRANCE LIGHT 2		**Iso R** 4^{s}	15		TR on wharf.	Private aid.
4935	PIER 96 LIGHTER BASIN ENTRANCE LIGHT 1		**Iso G** 4^{s}	15		SG on dolphin.	Private aid.
	SAN FRANCISCO BAY-SOUTHERN PART (Chart 18651)						
4940	HUNTER POINT LIGHT	37 43.8 122 21.4	**Iso R** 6	35	8	On building.	
	San Bruno Shoal						
4945	- CHANNEL LIGHT 1	37 41.7 122 20.3	**Fl G** 4^{s}	15	5	SG on pile.	HORN: 1 blast ev 30^{s} (3^{s} bl). Operates continuously from Oct. 1 to Apr. 1. Ra ref.
4950	- *Channel Lighted Buoy 2*	37 41.7 122 20.4	**Fl R** 4^{s}		3	Red.	
4955	- CHANNEL LIGHT 3	37 40.2 122 19.5	**Fl G** 2.5^{s}	10	3	SG on pile.	
4960	- CHANNEL LIGHT 4	37 40.1 122 19.6	**Fl R** 2.5^{s}	15	4	TR on pile.	
4965	- CHANNEL LIGHT 5	37 38.6 122 18.7	**Fl G** 4^{s}	15	3	SG on pile.	HORN: 1 blast ev 10^{s} (1^{s} bl). Operates continuously from Oct. 1 to Apr. 1. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
	SAN FRANCISCO BAY-SOUTHERN PART (Chart 18651)	N/W					
	San Bruno Shoal						
4970	- CHANNEL LIGHT 6	37 38.6 122 18.9	**FL R** 4^s	15	4	TR on pile.	
4975	OYSTER POINT CHANNEL MOORING LIGHTED BUOY	37 40.4 122 22	**Q W**			White.	Private aid.
	Brisbane Marina						
4980	- LIGHT 1	37 40.3 122 22.1	**Fl G** 4^s	13		SG on pile.	Private aid.
4985	- LIGHT 2		**Fl R** 2.5^s	13		TR on pile.	Private aid.
4990	- Daybeacon 3			13		SG on pile.	Private aid.
4995	- Daybeacon 4			13		TR on pile.	Private aid.
5000	- LIGHT 5		**Fl G** 2.5^s	13		SG on pile.	Private aid.
5005	- LIGHT 6	37 40.2 122 22.6	**Fl R** 2.5^s	13		TR on pile.	Private aid.
5010	- Daybeacon 7			13		SG on pile.	Private aid.
5015	- LIGHT 8	37 40.3 122 22.7	**Fl R** 4^s	13		TR on pile.	Private aid.
5020	-LIGHT 9		**Fl G** 4^s	13		SG on pile.	Private aid.
	Oyster Cove Marina						
5025	- LIGHT 1	37 40.2 122 22.7	**Fl G** 4^s	6		SG on pile.	Private aid. Ra ref.
5030	- LIGHT 2		**Fl R** 4^s	6		TR on pile.	Private aid. Ra ref.
5035	- Dabeacon 3					SG on pile.	Private aid. Ra ref.
5040	- Daybeacon 4					TR on pile.	Private aid. Ra ref.
5045	- Daybeacon 5					SG on pile.	Private aid. Ra ref.
5050	- Daybeacon 6					TR on pile.	Private aid. Ra ref.
5055	- Dayebacon 7					SG on pile.	Private aid. Ra ref.
5060	- Daybeacon 8					TR on pile.	Private aid. Ra ref.
5065	- Daybeacon 9					SG on pile.	Private aid. Ra ref.
5070	- Daybeacon 10					TR on pile.	Private aid. Ra ref.
5075	- LIGHT 11		**Fl G** 2.5^s	6		SG on pile.	Private aid. Ra ref.
5080	- LIGHT 12		**Fl R** 2.5^s	6		TR on pile.	Private aid. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO BAY-SOUTHERN PART (Chart 18651)	N/W					
	Oyster Cove Marina						
5085	- LIGHT 13		**Fl G** 4^{s}	6		SG on pile.	Private aid. Ra ref.
5090	- LIGHT 14		**Q R**	13		TR on pile.	Private aid. Higher intensity beam up channel. Ra ref.
5095	- LIGHT 16		**Fl R** 4^{s}	6		TR on pile.	Private aid. Ra ref.
	Oyster Point Marina						
5100	- LIGHT 1	37 39.9 122 22.1	**Fl G** 4^{s}	17		Pile structure.	Private aid.
5105	- LIGHT 2		**Fl R** 4^{s}	17		Pile structure.	Private aid.
5110	- LIGHT 8	37 39.9 122 22.4	**Q R**	13		TR on pile.	Private aid.
5115	- LIGHT 9		**Q G**	13		SG on pile.	Private aid.
5120	- LIGHT 1A		**Fl G** 4^{s}	13		SG on pile.	Private aid.
5125	- LIGHT 2A		**Fl R** 2.5^{s}	13		TR on pile.	Private aid.
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8		**Fl R** 4^{s}	15	5	TR on pile.	
	San Francisco Airport						
5135	- Daybeacon 1	37 37.9 122 22.7				SG on pile.	
	Coyote Point						
5140	- YACHT HARBOR LIGHT 1	37 35.6 122 18.7	**Fl G** 4^{s}	12		Pile.	Private aid.
5145	- YACHT HARBOR LIGHT 2		**Fl R** 4^{s}	12		Pile.	Private aid.
	South Channel						
5150	- Daybeacon 8A					TR on pile.	
5155	**San Mateo-Hayward Bridge Fog Signal**						HORNS: 2 blasts ev 30^{s} (3^{s} bl-3^{s} si-3^{s} bl-21^{s} si). Private aid.
5160	- Buoy 10					Red nun.	
5165	- Buoy 11					Black can.	
5170	- TOWER LIGHT	37 34.9 122 15	**Fl W** 2.5^{s}	12		Transmission tower.	Private aid.
5175	- LIGHT 12		**Fl R** 4^{s}	15	4	TR on pile.	Higher intensity beam down channel toward San Mateo-Hayward Bridge. Ra ref.
	Redwood Creek						
5180	- ENTRANCE LIGHT 2	37 33.2 122 11.8	**Fl R** 4^{s}	20	4	TR on pile.	HORN: 1 blast ev 10^{s} (1^{s} bl). Operates continuously from Oct. 1 to Apr. 1. Higher intensity beam upstream. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
		N/W					
	SAN FRANCISCO BAY-SOUTHERN PART (Chart 18651)						
	Redwood Creek						
5185	- ENTRANCE LIGHT 3		Fl G 4^s	15	3	SG on pile.	Ra ref.
5190	- ENTRANCE LIGHT 4		Fl R 4^s	15	4	TR on pile.	Ra ref.
5195	- LIGHT 5	37 32.4 122 11.5	Fl G 4^s	15	3	SG on pile.	Ra ref.
5200	- LIGHT 6		Fl R 4^s	15	4	TR on pile.	
5205	- LIGHT 8		Fl R 4^s	15	3	TR on pile.	
5210	- LIGHT 7		Fl G 2.5^s	15	3	SG on pile.	Ra ref.
5215	- LIGHT 10		Fl R 4^s	15	3	TR on pile.	
5220	- LIGHT 9		Fl G 4^s		3	SG on pile.	Ra ref.
5225	- Daybeacon 11					SG on pile.	
5230	- LIGHT 12		Fl R 6^s	15	4	TR on pile.	
5235	- LIGHT 14		Fl R 4^s	15	3	TR on pile.	Ra ref.
5240	- LIGHT 13		Fl G 2.5^s	15	3	SG on pile.	Ra ref.
5245	- LIGHT 15		Fl G 4^s	15	5	SG on dolphin.	
5250	- LIGHT 16		Fl R 6^s	15	4	TR on pile.	Ra ref.
5255	- LIGHT 18	37 30.8 122 12.7	Fl R 4^s	15	4	TR on pile.	Ra ref.
5260	- LIGHT 20		Fl R 4^s	15	3	TR on column.	Ra ref.
5265	- Daybeacon 21					SG on pile.	
5270	- LIGHT 14	37 30.8 122 08	Fl R 4^s	15	4	TR on pile.	Higher intensity beam down channel. Ra ref.
5275	**Dumbarton Highway Bridge Fog Signal**	37 30.4 122 07					HORN: 1 blast ev 20^s (2^s bl). Private aid.
5280	**Dumbarton Railroad Bridge Fog Signal**	37 29.9 122 06.5					BELL: 1 stroke ev 20^s Private aid.
	Mayfield Slough						
5285	- Entrance Daybeacon 2	37 29.5 122 06.9				Pile.	Private aid.
5290	- Entrance Daybeacon 4					Pile.	Private aid.
5295	- Entrance Daybeacon 6					Pile.	Private aid.
5300	- ENTRANCE LIGHT 8	37 28.1 122 05.8	Fl W 4^s	25		Platform on piles.	Private aid.
	South Channel						
5305	- LIGHT 16		Fl R 4^s	15	3	TR on pile.	Ra ref.
5310	- LIGHT 17		Fl G 4^s	15	3	SG on pile.	Ra ref.
5315	- LIGHT 18		Fl R 4^s	15	3	TR on pile.	Ra ref.
5320	- Daybeacon 20					TR on pile.	

CALIFORNIA - Twelfth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
	SAN FRANCISCO BAY-SOUTHERN PART (Chart 18651)						
	Guadalupe Slough						
	Buoys are located to best mark shifting channel.						
5325	- Buoy 1					Green can.	
5330	- Buoy 2					Red nun.	
5335	- Buoy 3					Green can.	
5340	- Buoy 4					Red nun.	
5345	- Buoy 6					Red nun.	
	SAN FRANCISCO ENTRANCE (Chart 18649)						
	San Francisco Bay						
5350	- *North Channel Lighted Buoy 2*		**Fl R** 6s		4	Red.	
5355	- North Channel Buoy 3	37 51 122 25				Green can.	
	Emeryville Marina						
5360	- LIGHT 1	37 50.6 122 19.3	**Fl G** 2s	14		SG on pile.	Private aid.
5365	- LIGHT 2		**Fl R** 2s	14		TR on pile.	Private aid.
5370	- LIGHT 3	37 50.6 122 18.9	**Fl G** 4s	14		SG on pile.	Private aid.
5375	- LIGHT 4		**Fl R** 4s	14		TR on pile.	Private aid.
5380	- LIGHT 5	37 50.6 122 18.5	**Fl G** 4s	14		SG on pile.	Private aid.
5385	- LIGHT 6		**Fl R** 4s	14		TR on pile.	Private aid.
5390	- LIGHT 7	37 50.5 122 18.6	**Iso G** 4s	17		SG on pile.	Private aid.
5395	- LIGHT 8	37 50.5 122 18.6	**Iso R** 4s	17		TR on pile.	Private aid.
5400	- *North Channel Lighted Horn Buoy 4*		**Fl R** 4s		4	Red.	HORN: 1 blast ev 10s (1s bl). Operates continuously.
5405	- NORTH CHANNEL LIGHT 5	37 51.7 122 25.1	**Fl G** 2.5s	30	3	SG on pile.	
5410	- *North Channel Lighted Buoy A*	37 51.8 122 24.4	**Mo (A) W**		5	Red and white stripes; with red spherical topmark.	
5415	- *North Channel Lighted Bell Buoy 6*		**Fl R** 4s		4	Red.	
5420	**Treasure Island North End Light 6**	37 50 122 22.3	**Fl R** 2.5s	30	10	TR on pile.	
5425	TREASURE ISLAND NORTH END LIGHT 8	37 49.9 122 21.9	**Fl R** 4s	40	7	TR on lookout tower.	
	Berkeley						
5430	- MARINA CHANNEL LIGHT 2	37 50.9 122 21.6	**Fl R** 4s	15	4	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	Berkeley						
5435	- MARINA CHANNEL LIGHT 3	37 51.5 122 20.9	**Fl G** 4^s	15	3	SG on pile.	
5440	- BREAKWATER LIGHT 1		**Q G**	15	6	SG on pole.	
5445	- BREAKWATER CENTER LIGHT		**Q W**	12	6	Pole.	
5450	- BREAKWATER LIGHT 2	37 52 122 19.2	**Oc R** 4^s	15	7	TR on pole.	Higher intensity beam toward Golden Gate. BELL: 1 stroke ev 10^s.
5455	- NORTH BREAKWATER LIGHT 3	37 52.1 122 19.2	**Fl G** 4^s	14	5	SG on pile.	Ra ref.
5460	- NORTH BREAKWATER LIGHT 4	37 52.1 122 19.2	**Fl R** 4^s	14	5	TR on pile.	Ra ref.
5465	- MARINA NORTH LIGHT	37 52 122 19	**Fl G** 10^s	13		Pole.	Private aid.
5470	- MARINA SOUTH LIGHT	37 52 122 19	**Fl R** 10^s (2s fl)	13		Pole.	HORN: 1 blast ev 17^s (4^s bl). Private aid.
5475	- REEF LIGHT 1		**Fl G** 2.5^s	13	3	SG on pile.	
	San Francisco Bay						
5480	SOUTHAMPTON SHOAL LIGHT	37 52.9 122 24	**Iso R** 6^s	32	6	White cylindrical tower.	BELL: 1 stroke ev 10^s.
5485	- *North Channel Lighted Buoy 8*	37 53.1 122 24.9	**Fl R** 2.5^s		3	Red.	
5490	- NORTH CHANNEL LIGHT 9	37 53.7 122 26.9	**Fl G** 4^s	25	5	SG on pile.	Higher intensity beam up channel.
5495	- *North Channel Lighted Buoy B*	37 54.1 122 26.6	**Mo (A) W**		5	Black and white stripes.	
5500	- *North Channel Lighted Bell Buoy 10*	37 54.3 122 26.1	**Fl R** 4^s		4	Red.	
5505	- *North Channel Lighted Buoy 12*		**Fl R** 4^s		4	Red.	
5510	- *North Channel Lighted Buoy C*	37 54.8 122 26.9	**Mo (A) W**		5	Red and white stripes; with red spherical topmark.	
5515	- *North Channel Lighted Buoy 14*	37 55.8 122 26.5	**Fl R** 4^s		2	Red.	
	Corte Madera Channel						
5520	- LIGHT 2	37 55.7 122 28.1	**Iso R** 6^s	9		TR on pile.	Private aid. Ra ref.
5525	- Daybeacon 3					SG on pile.	Private aid.
5530	- Daybeacon 4					TR on pile.	Private aid. Ra ref.
5535	- Daybeacon 5					SG on pile.	Private aid. Ra ref.
5540	- Daybeacon 7					SG on pile.	Private aid. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649) N/W						
	Corte Madera Channel						
5545	- Daybeacon 8					TR on pile.	Private aid. Ra ref.
5550	- Daybeacon 9					SG on pile.	Private aid. Ra ref.
5555	- Daybeacon 10					TR on pile.	Private aid. Ra ref.
5560	- Daybeacon 11					SG on pile.	Private aid. Ra ref.
5565	- LIGHT 12		Fl R 2.5^s	9		TR on pile.	Private aid. Ra ref.
5570	- Daybeacon 13					SG on pile.	Private aid. Ra ref.
5575	- Daybeacon 14					TR on pile.	Private aid. Ra ref.
5580	- LIGHT 15		Fl G 2.5^s	9		SG on pile.	Private aid. Ra ref.
5585	- LIGHT 16		Fl R 2.5^s	9		TR on pile.	Private aid. Ra ref.
5590	- LIGHT 17		Fl G 4^s	9		SG on pile.	Private aid. Ra ref.
5595	- Daybeacon 19					SG on pile.	Private aid. Ra ref.
5600	San Quentin Security Zone Buoy A	37 56.4 122 29				Orange and white stripes.	Private aid.
5605	San Quentin Security Zone Buoy B					Orange and white stripes.	Private aid.
5610	San Quentin Security Zone Buoy C					Orange and white stripes.	Private aid.
5615	San Quentin Security Zone Buoy D					Orange and white stripes.	Private aid.
5620	San Quentin Security Zone Buoy E					Orange and white stripes.	Private aid.
5625	San Quentin Security Zone Buoy F					Orange and white stripes.	Private aid.
	San Francisco Bay						
5630	**Richmond-San Rafael Bridge Fog Signals**						HORN: (2) sound simultaneously; 2 blasts ev 30^s (1^s bl-1^s si-1^s bl-27^s si). Private aid.
5635	- North Channel Buoy 15	37 56.2 122 26.7				Black can.	
	Southampton Shoal Channel						
5640	- *Lighted Buoy 1*	37 53.9 122 25.3	Fl G 4^s		3	Black.	
5645	- *Lighted Buoy 2*	37 54 122 25.1	Fl R 2.5^s		3	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA – Twelfth District				
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	Southampton Shoal Channel						
5650	– LIGHT 2A		**Fl R 4**^{s}	15	3	TR on pile.	Private aid. Ra ref.
5655	– *Lighted Buoy 4*		**Fl R 4**^{s}		3	Red.	
5660	– *Lighted Buoy 5*	37 55.3 122 25.6	**Fl G 2.5**^{s}		3	Green.	
	Richmond Harbor Channel						
5665	– *Lighted Buoy 2*	37 55.2 122 25.1	**Q R**		3	Red.	
5670	RICHMOND HARBOR APPROACH RANGE FRONT LIGHT	37 54 122 23.4	**Q W**	20		KRW on pile structure.	Visible all around with higher intensity on rangeline.
5675	RICHMOND HARBOR APPROACH RANGE REAR LIGHT 340 yards 132° from front light.		**Iso W 6**^{s}	35		KRW on pile structure.	Visible all around with higher intensity on rangeline.
5680	– *Lighted Buoy 3*	37 54.9 122 24.5	**Fl G 4**^{s}		3	Green.	
5685	– LIGHT 4		**Q R**	15	3	TR on pile	Ra ref.
5690	– *Lighted Buoy 5*		**Fl G 2.5**^{s}		3	Black.	
5695	Richmond Harbor Jetty Daybeacon	37 54.2 122 23.5				NR on white frame on pile.	
5700	– LIGHT 6		**Fl R 4**^{s}	15	3	TR on pile.	BELL: 1 stroke ev 15^{s} Operates continuously from July 1 to Mar. 1. Ra ref.
5705	– *Lighted Buoy 7*		**Fl G 4**^{s}		3	Green.	
5710	– LIGHT 8		**Fl R 6**^{s}	15	4	TR on pile.	Ra ref.
5715	BRICKYARD COVE HARBOR LIGHT 1		**F G**	8		Pile.	Private aid.
5720	BRICKYARD COVE HARBOR LIGHT 2		**F R**	8		Pile.	Private aid.
5725	– LIGHT 9		**Fl G 4**^{s}	10	3	SG on pile.	Ra ref.
5730	– LIGHT 10		**Fl R 4**^{s}	15	4	TR on pile.	Ra ref.
5735	– LIGHT 12		**Fl R 2.5**^{s}	25	4	TR on pile.	Ra ref.
5740	– LIGHT 14	37 54.2 122 21.6	**Fl R 2.5**^{s}	18	3	TR on pile.	Ra ref.
5745	– Buoy 16					Red nun.	
5750	– *Lighted Buoy 18*		**Fl R 2.5**^{s}		3	Red.	
5755	– Daybeacon 20	37 55.1 122 21.8				TR on pile.	

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	Richmond Harbor Channel						
5760	**Standard Oil Wharf Fog Signal**	37 55.3 122 24.6				Building on wharf.	SIREN: 2 blasts ev 30^s (3^s bl-2^s si-1^s bl-24^s si). Private aid.
5765	**Standard Oil Wharf Inner Fog Signal**	37 55.5 122 24.3					BELL: 1 stroke ev 20^s. Private aid.
	Richmond-San Rafael Bridge East Channel						
5770	- *Lighted Buoy 1*	37 55.7 122 25.6	**Fl G** 4^s		2	Black.	
5775	*Castro Rocks Lighted Buoy 2CR*		**Fl R** 4^s		3	Red.	
5780	- **Fog Signal**						HORN: (2) sound simultaneously 1 blast ev 15^s (1^s bl). Private aid.
5785	- Buoy 6					Red nun.	
5790	MOLATE POINT WHARF SOUTH END LIGHT	37 56.7 122 25.6	**Oc R** 4^s	32	8	Tower.	HORN: 1 blast ev 15^s (2^s bl). Maintained by US Navy.
5795	MOLATE POINT WHARF NORTH END LIGHT		**Iso R** 6^s	30	8	Tower.	Maintained by U.S. Navy.
5800	POINT ORIENT WHARF SOUTH LIGHTS	37 57.3 122 25.6	**(2) FR**	9		Face of wharf.	BELL: 3 strokes ev 60^s Private aid.
5805	POINT ORIENT WHARF NORTH LIGHTS		**(2) FR**	9		Face of wharf.	Private aid.
5810	SAN RAFAEL OUTFALL LIGHT	37 57.2 122 27.7	**Fl Y** 4^s	13	3	NW on pile worded OUTFALL.	
5815	*San Francisco Bay North Channel Lighted Buoy 16*		**Q R**		3	Red.	
5820	San Francisco Bay North Channel Buoy 18					Red nun.	
5825	SAN FRANCISCO BAY NORTH CHANNEL LIGHT 17	37 57.5 122 27.3	**Fl G** 4^s	15	6	SG on pile.	High intensity beams on 215°, 333°, and 113°. Ra ref.
	San Rafael Creek						
5830	- RANGE FRONT LIGHT	37 58.3 122 29.7	**Q R**	15		KRW on frame structure on piles.	Visible all around; higher intensity on rangeline.
5835	- RANGE REAR LIGHT 360 yards 293° from front light.		**Oc R** 4^s	25		KRW on pile.	Visible 1° each side of rangeline.
5840	- LIGHT 1		**Fl G** 2.5^s	20	4	SG on pile.	
5845	- LIGHT 3	37 57.8 122 25.5	**Fl G** 4^s	20	3	SG on pile.	
5850	- LIGHT 5		**Fl G** 6^s	20	5	SG on a pile.	
5855	- LIGHT 6		**Fl R** 4^s	10	4	TR on pile.	Ra ref.
5860	- LIGHT 7		**Fl G** 2.5^s	10	4	SG on pile.	Ra ref.

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN FRANCISCO ENTRANCE (Chart 18649)	N/W					
	San Rafael Creek						
5865	**East Brother Island Light**	37 57.8 122 26	**Fl W** 5^s	61	15	Buff square tower on dwelling.	HORN: 1 blast ev 30^s (3^s bl). Emergency light of lower intensity when main light is extinguished. Operates from Oct. 1 to Apr. 1.
	SAN PABLO BAY (Chart 18654)						
	San Pablo Bay						
5870	POINT SAN PABLO TERMINAL LIGHT 4	37 57.9 122 25.7	**Iso R** 5^s	12	4	Concrete dolphin.	Private aid.
5875	- *Lighted Buoy 2*		**Fl R** 4^s		3	Red.	
5880	- LIGHT 4		**Fl R** 6^s	15	4	TR on pile.	Ra ref.
5885	- CHANNEL LIGHT 5		**Fl G** 2.5^s	15	4	SG on pile structure.	Ra ref.
5890	- *Channel Lighted Buoy E*		**Mo (A) W**		5	Black and white stripes.	
5895	POINT PINOLE LIGHT P	38 01 122 22	**Fl W** 2.5^s	15	3	NR on pile.	Ra ref.
5900	- CHANNEL LIGHT 7		**Fl G** 4^s	10	3	SG on pile structure.	Ra ref.
5905	- *Channel Lighted Buoy 8*		**Fl R** 4^s		3	Red.	
5910	- CHANNEL LIGHT 9		**Fl G** 6^s	10	4	SG on pile.	Ra ref.
5915	- CHANNEL LIGHT 10.		**Fl R** 6^s	10	4	TR on pile structure.	Ra ref.
5920	- CHANNEL LIGHT 11.		**Q G**	15	3	SG on pile.	Ra ref.
5925	- CHANNEL LIGHT 12		**Fl R** 2.5^s	15	3	TR on pile structure.	Ra ref.
5930	- CHANNEL LIGHT 13		**Fl G** 4^s	15	3	SG on pile structure.	Ra ref.
5935	- CHANNEL LIGHT 14		**Fl R** 4^s	15	3	TR on pile structure.	Ra ref.
5940	- CHANNEL LIGHT 15		**Fl G** 2.5^s	15	4	SG on pile structure.	HORN: 1 blast ev 10^s (1^s bl). Operates continuously from Oct. 1 to Apr. 1. Ra ref.
5945	SEQUOIA OIL WHARF WEST LIGHT	38 03.2 122 16.4	**F W**	31			Private aid.
5950	**Sequoia Oil Wharf Fog Signal.**						HORN: 1 blast ev 20^s (2^s bl). Private aid.
5955	SEQUOIA OIL WHARF EAST LIGHT		**F W**	31			Private aid.
5960	OLEUM WHARF WEST LIGHTS	38 03.4 122 15.8	**(4) F R**	12			BELL: 1 stroke ev 5^s. Private aids.
5965	OLEUM WHARF EAST LIGHTS		**(4) F R**	12			HORN: 1 blast ev 15^s (2^s bl). Private aids.
5970	- LIGHT 17	38 04.2 122 15.1	**Fl G** 6^s	30	6	SG on pole.	
	Petaluma River						
5975	- ENTRANCE LIGHT 1	38 02.7 122 25.7	**Fl G** 4^s	15	3	SG on pile.	Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA – Twelfth District				
	SAN PABLO BAY (Chart 18654)	N/W					
	Petaluma River						
5980	– ENTRANCE LIGHT 2		Fl R 2.5^s	10	3	TR on pile.	HORN: 1 blast ev 10^s (1^s bl). Operates continuously from Oct. 1 to April 1.
5985	– Entrance Channel Daybeacon 3					SG on pile.	
5990	– ENTRANCE CHANNEL LIGHT 4		Fl R 4^s	15	3	TR on pile.	Ra ref.
5995	– Entrance Channel Daybeacon 5					SG on pile.	
6000	– ENTRANCE CHANNEL LIGHT 6	38 04.3 122 25.5	Fl R 2.5^s	15	3	TR on pile.	
6005	– Entrance Channel Daybeacon 7					SG on pile.	
6010	– ENTRANCE CHANNEL LIGHT 8		Fl R 4^s	15	3	TR on pile.	Ra ref.
6015	– Entrance Channel Daybeacon 9					SG on pile.	
6020	– ENTRANCE CHANNEL LIGHT 10		Fl R 4^s	15	3	TR on pile structure.	
6025	– Entrance Channel Daybeacon 11					SG on pile.	
6030	– ENTRANCE CHANNEL LIGHT 12		Fl R 4^s	10	3	TR on pile.	Ra ref.
6035	– Entrance Channel Daybeacon 13					SG on pile.	
6040	– ENTRANCE CHANNEL LIGHT 14		Fl R 4^s	20	4	TR on white column.	
6045	– Entrance Channel Daybeacon 15					SG on pile.	
6050	– ENTRANCE CHANNEL LIGHT 16		Fl R 4^s	10	3	TR on pile.	Ra ref.
6055	– Entrance Channel Daybeacon 17					SG on pile.	
6060	– ENTRANCE CHANNEL LIGHT 18		Fl R 6^s	10	4	TR on pile.	Ra ref.
6065	– Entrance Channel Daybeacon 19					SG on pile.	
6070	– ENTRANCE CHANNEL LIGHT 20		Fl R 4^s	15	4	TR on pile structure.	
6075	– Buoy 2					Red nun.	
6080	– Buoy 4	38 11.9 122 34.1				Red nun.	
6085	– Daybeacon 5.	38 12.2 122 34.1				SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
		N/W					
	SAN PABLO BAY (Chart 18654)						
	Mare Island Strait						
6090	- LIGHT 1	38 04.3 122 14.8	**Fl G** 4^{s}	17	4	SG on pile structure.	
6095	- LIGHT 2	38 04.2 122 14.6	**Fl R** 4^{s}	15	4	TR on pile.	
6100	- LIGHT 3	38 04.5 122 14.8	**Fl G** 2.5^{s}	25	4	SG on pole.	
6105	- LIGHT 4	38 04.6 122 14.6	**Fl R** 2.5^{s}	15	3	TR on pile.	
	Vallejo						
6110	- YACHT CLUB NORTH LIGHT	38 06.3 122 16	**F G**	5		Pile.	Private aid.
6115	- YACHT CLUB LIGHT		**F R**	5		Pile.	Private aid.
6120	- MARINA NORTH ENTRANCE LIGHT 1		**F G**	12		Pile.	Private aid.
6125	- MARINA NORTH ENTRANCE LIGHT 2		**F R**	12		Pile.	Private aid.
6130	- MARINA SOUTH ENTRANCE LIGHT 1		**F G**	12		Pile.	Private aid.
6135	- MARINA SOUTH ENTRANCE LIGHT 2		**F R**	12		Pile.	Private aid.
	Napa River						
6140	- Daybeacon 2	38 07.8 122 16.6				TR on pile.	
6145	- LIGHT 3		**Fl G** 4^{s}	19	3	SG on pile structure.	
6150	- Buoy 4WR	38 09.4 122 17.6				Red nun.	Marks channelward side of submerged wreck.
6155	PACIFIC GAS AND ELECTRIC CO. TOWER LIGHT.	38 09.2 122 17.8	**Fl W** 2.5^{s}	10		Transmission tower.	Private aid.
6160	- LIGHT 7		**Fl G** 4^{s}	15	3	SG on pile structure.	
6165	- LIGHT 8		**Fl R** 4^{s}	15	3	TR on pile.	
6170	- LIGHT 9		**Fl G** 2.5^{s}	15	4	SG on pile.	
6175	- LIGHT 11		**Fl G** 4^{s}	15	3	SG on pile.	
6180	- LIGHT 13		**Fl G** 4^{s}	15	3	SG on pile.	
6185	- RANGE FRONT PASSING LIGHT 14	38 12.3 122 18.3	**Q W**	12		KRW and TR on pile.	Ra ref.
6190	- RANGE REAR LIGHT On levee, 100 yards 176° from front light.		**Iso W** 6^{s}	17		KRW on pile.	Ra ref.
6195	- LIGHT 15		**Fl G** 4^{s}	15	3	SG on pile.	
6200	- LIGHT 16		**Fl R** 4^{s}	15	3	TR and white platform on pile structure.	
6205	- LIGHT 18		**Fl R** 4^{s}	15	3	TR and white platform on pile structure.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
		N/W					
	SAN PABLO BAY (Chart 18654)						
	Napa River						
6210	– LIGHT 20		**Fl R** 4^{s}	15	3	TR on pile structure.	
	SUISUN BAY (Chart 18656)						
	Carquinez Strait						
6215	– **Bridge Pier Fog Signal**	38 03.7 122 13.5					HORN: 1 blast ev 30^{s} (2^{s} bl). BELL: On north side of center center pier, 1 stroke ev 10^{s}. Private aid.
6220	– **Bridge Pier 2 Fog Signal**	38 03.9 122 13.5					BELL: 1 stroke ev 3^{s} Private aid.
6225	– LIGHT 21	38 03.6 122 11.6	**Fl G** 4^{s}	20	3	SG on pile.	
6230	– LIGHT 20	38 03.2 122 11.7	**Fl R** 4^{s}	15	3	TR on dolphin.	BELL: 1 stroke ev 15^{s} Operates continuously from Oct. 1 to Apr. 1.
6235	– LIGHT 22	38 02.9 122 11	**Fl R** 6^{s}	20	6	TR on white tower on pile structure.	
6240	– LIGHT 23.	38 02.6 122 10	**Fl G** 4^{s}	20	3	SG on pile.	
6245	– *Lighted Buoy 25*		**Q G**		3	Black.	
6250	BENICIA WHARF LIGHT	38 02.4 122 08.3	**Fl G** 4^{s}	12	4	Corner of pier.	
6255	MARTINEZ MARINA LIGHT 1	38 01.7 122 08.2	**Fl G** 4^{s}	7		On pile.	Private aid.
6260	MARTINEZ MARINA LIGHT 2		**Fl R** 4^{s}	7		On pile.	Private aid.
6265	SHELL OIL WHARF WEST END LIGHT	38 01.8 122 08	**Oc R** 2.4^{s}	24		Mooring dolphin	Private aid.
6270	**Shell Oil Wharf Fog Signal**						HORN: 1 blast ev 20^{s} (5^{s} bl). Private aid.
6275	SHELL OIL WHARF EAST END LIGHT.	38 02 122 07.7	**Oc R** 2.4^{s}	24		Mooring dolphin.	Private aid.
6280	AMOCO WHARF LIGHTS	38 02.1 122 07.4	**(2) F R**	26 32			BELL: 2 strokes ev 15^{s}. Private aids.
6285	**Benicia-Martinez Highway Bridge Main Channel Fog Signal**	38 02.3 122 07.2					HORN: 1 blast ev 20^{s} (1.5^{s} bl). Private aid.
6290	**Benicia-Martinez Highway Bridge Secondary Channel Fog Signal**	38 02.6 122 07.5					HORN: 2 blasts ev 20^{s} (1^{s} bl-1^{s} si-1^{s} bl-17^{s} si). Private aid.
6295	**Benicia-Martinez Railroad Bridge Pier 13 Fog Signal**	38 02.3 122 07.2					SIREN: 2 blasts ev 20^{s} (1^{s} bl-2^{s} si-1^{s} bl-16^{s} si). Private aid.
6300	**Benecia-Martinez Railroad Bridge Pier 17 Fog Signal**	38 02.6 122 07.4					SIREN: 1 blast ev 20^{s} (3^{s} bl). Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
		N/W					
	SUISUN BAY (Chart 18656)						
	Suisun Bay						
6305	- Channel Buoy 2					Red nun.	
6310	- Channel Buoy 3	38 02.4 122 07.2				Black can.	
6315	- Channel Buoy 4					Red nun.	
6320	- Channel Buoy 5					Black can.	
6325	- NORTH CHANNEL LIGHT 2		Fl R 2.5^s	15	5	TR on pile.	Ra ref.
6330	- NORTH CHANNEL LIGHT 4.		Fl R 6^s	15	4	TR on pile.	Ra ref.
6335	- NORTH CHANNEL LIGHT 6		Fl R 4^s	15	3	TR on pile.	Ra ref.
6340							
	Suisun Slough Entrance						
6345	- LIGHT 9		Fl G 4^s	15	3	SG on pile.	Ra ref.
6350	- LIGHT 10.	38 07.2 122 03.7	Fl R 4^s	15	3	TR on pile.	Ra ref.
	Suisun Bay						
6355	- *Channel Lighted Buoy 6*	38 02.5 122 06.6	Fl R 4^s		3	Red.	
6360	- *Channel Lighted Buoy 7*		Fl G 4^s		3	Black.	
	Suisun Bay						
6365	AVON WHARF WEST LIGHTS	38 02.9 122 05.6	(3) F R	16			HORN: 1 blast ev 10^s (2^s bl). Private aid.
6370	AVON WHARF EAST LIGHT		F W	21			HORN: 2 blasts ev 25^s (2^s bl-2^s si-2^s bl-19^s si). 65 yards 083° from light. Private aid.
6375	POINT EDITH CROSSING SOUTH RANGE FRONT LIGHT	38 02.9 122 05.3	Q W	23		KRW on pile.	Ra ref.
6380	POINT EDITH CROSSING SOUTH RANGE REAR LIGHT 435 yards, 234.5° from front light.		ISO W6^s	31		KRW on pile.	Ra ref.
6385	- *Channel Lighted Buoy 9*		Fl G 2.5^s		3	Green.	
	Seal Islands Channel						
6390	- LIGHT 2	38 03.2 122 04.2	Fl R 6^s	20	4	TR on pile.	
6395	- Daybeacon 3					SG on pile.	
6400	- Daybeacon 4.					TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SUISUN BAY (Chart 18656)	N/W					
	Seal Islands Channel						
6405	- Daybeacon 5					SG on pile.	
6410	- Daybeacon 6					TR on pile.	
6415	- Daybeacon 8	38 03.4 122 02.3		25		TR on pole.	
6420	- Daybeacon 9	38 03.5 122 02.2				SG on pile.	
	Suisun Bay						
6425	- *Channel Lighted Buoy 10*		**Fl R** 2.5^s		4	Red.	
6430	POINT EDITH CROSSING RANGE FRONT LIGHT	38 02.9 122 05.3	**Q W**	16		KRW on pile.	Visible all around; highe intensity on rangeline.
6435	POINT EDITH CROSSING RANGE REAR LIGHT 212 yards, 054.5° from front light.		**Iso W** 6^s	28		KRW on pile.	Visible all around; higher intensity on rangeline.
6440	- CHANNEL LIGHT 11		**Fl G** 4^s	15	3	SG on pile.	Ra ref.
6445	- CHANNEL LIGHT 12		**Fl R** 4^s	15	3	TR on pile.	Ra ref.
6450	- CHANNEL LIGHT 13		**Fl G** 4^s	15	3	SG on pile.	Ra ref.
6455	- *Channel Lighted Buoy 14*		**Fl R** 4^s		3	Red.	
6460	- *Channel Lighted Buoy 15*		**Fl G** 4^s		3	Green.	
6465	- CHANNEL LIGHT 16		**Fl R** 4^s	15	3	TR on pile.	Ra ref.
6470	ROE ISLAND CHANNEL RANGE REAR LIGHT	38 04 122 02.7	**Q W**	16		KRW on pile structure.	Visible 4° each side of rangeline.
6475	ROE ISLAND CHANNEL RANGE REAR LIGHT. 515 yards, 284° from front light.		**Iso W** 6^s	31		KRW on pile structure.	Visible 4° each side of rangeline.
	Fisherman Channel						
6480	- Daybeacon 1					SG on pile.	
6485	- Daybeacon 2					TR on pile.	
6490	- Daybeacon 3					SG on pile.	
6495	- Daybeacon 6					TR on pile.	
	Suisun Bay						
6500	- PIER 2 WEST END LIGHT	38 03.5 122 01.6	**F R**	25	8	Pole.	HORN: 2 blasts ev 20^s (2^s bl-2^s si-2^s bl-14^s si). Maintained by U.S. Navy.
6505	- *Channel Lighted Buoy 17*	38 03.8 122 01.2	**Fl G** 4^s		3	Black.	
6510	- *CHANNEL LIGHTED BUOY 19*	38 03.6 122 01	**Fl G** 2.5^s		3	Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
	SUISUN BAY (Chart 18656)	N/W					
	Suisun Bay						
6515	- PIER 4 EAST END LIGHT		F R	25	8	On Pole.	HORN: 1 blast ev 15ˢ (3ˢ bl). Maintained by U.S. Navy.
6520	MIDDLE POINT LIGHT	38 03.3 121 59.5	Fl W 4ˢ	20	5	NR on pile	
6525	- CHANNEL LIGHT 20		Fl R 4ˢ	15	3	TR on pile.	Ra ref.
6530	- Restricted Area Buoy A					Yellow nun.	
6535	- *Channel Lighted Buoy 21*	38 03.7 121 58.9	Fl G 4ˢ		3	Green.	
6540	- CHANNEL LIGHTED BUOY 22	38 03.6 121 58.7	Fl R 2.5ˢ		3	Red.	
6545	MIDDLE GROUND RANGE FRONT LIGHT	38 03.6 121 58.3	Q W	31		KRW on pile.	Ra ref.
6550	MIDDLE GROUND RANGE REAR LIGHT 480 yards, 290° from front light.		Q W	52		KRW on pile.	Ra ref.
6555	- CHANNEL LIGHT 24	38 03.6 121 58	Fl R 6ˢ	20	4	TR on pile.	
6560	- CHANNEL LIGHT 25	38 03.6 121 58	Fl G 2.5ˢ	15	3	SG on pile.	Ra ref.
6565	HARRIS YACHT HARBOR LIGHT 1	38 02.9 121 57.3	Fl G 6ˢ	10		SG	Private aid.
6570	- LIGHT 26	38 03.1 121 56.9	Fl R 4ˢ	16	4	TR on pile structure.	
6575	- LIGHT 27		Fl G 4ˢ	20	5	SG on white pile.	Ra ref.
6580	- LIGHT 28	38 02.6 121 55	Fl R 2.5ˢ	20	4	TR on pile structure.	Higher intensity beam up and down channel.
6585	- *Lighted Buoy 30*		Fl R 6ˢ		4	Red.	
6590	*New York Slough Lighted Buoy NY*	38 02.7 121 53.1	Fl (2+1) G 6ˢ		4	Black and red bands.	
6595	- LIGHT 31		Fl G 6ˢ	15	4	SG on pile.	Ra ref.
	New York Slough						
6600	- LIGHT 2	38 02.5 121 53.1	Fl R 4ˢ	20	4	TR on pile structure.	Higher intensity beams up and down reach.
6605	PITTSBURG MARINA LIGHT 1	38 02.2 121 52.8	Fl G 4ˢ	11		On breakwater.	Private aid.
6610	PITTSBURG MARINA LIGHT 2		Fl R 4ˢ	11		On breakwater.	Private aid.
6615	PITTSBURG MARINA LIGHT 4		Fl R 4ˢ	11		On breakwater.	Private aid.
6620	- LIGHT 3		Fl G 4ˢ	20	3	SG on pile.	
6625	- LIGHT 5	38 02 121 52	Fl G 2.5ˢ	20	3	SG on pile.	

CALIFORNIA - Twelfth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
	SUISUN BAY (Chart 18656)						
	New York Slough						
6630	- LIGHT 7		**Fl G** 4^{s}	15	4	SG on pile.	
6635	- LIGHT 8	38 01.8 121 51.2	**Fl R** 2.5^{s}	20	4	TR on pile.	
6640	- LIGHT 10	38 01.6 121 50.7	**Fl R** 4^{s}	15	3	TR on pole.	
6645	- LIGHT 11	38 01.7 121 50.6	**Fl G** 2.5^{s}	18	3	SG on pile.	
	Suisun Bay						
6650	- LIGHT 33		**Fl G** 2.5^{s}	15	3	SG on pile.	Higher intensity beam toward Sacramento Ship Channel. Ra ref.
6655	- LIGHT 34	38 03.5 121 52	**Fl R** 2.5^{s}	15	2	TR on pile.	Ra ref.
	SAN JOAQUIN RIVER (Chart 1656)						
	San Joaquin River						
6660	POINT BEENAR LIGHT	38 01.8 121 50.2	**Fl W** 2.5^{s}	20	4	NB on pile.	
6665	- Daybeacon 1					SG on pile.	
6670	- LIGHT 4	38 01.6 121 49.7	**Fl R** 2.5^{s}	20	3	TR on pile.	
6675	- LIGHT 3	38 01.7 121 49.4	**Fl G** 2.5^{s}	20	5	SG on pile.	Higher intensity beam down channel. Ra ref.
6680	- LIGHT 5	38 01.4 121 49	**Fl G** 4^{s}	20	5	SG on pile.	
6685	- LIGHT 8	38 01.2 121 48.2	**Q R**	20	3	TR on pile.	
6690	- LIGHT 7		**Fl G** 4^{s}	20	3	SG on pile.	
6695	- LIGHT 9		**Fl G** 4^{s}	20	3	SG on pile.	
6700	- LIGHT 11	38 01.8 121 45.9	**Fl G** 4^{s}	15	4	SG on pile.	Ra ref.
6705	- LIGHT 10	38 01.7 121 46.1	**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
6710	- Buoy 13					Black can.	
6715	- Buoy 14					Red nun.	
6720	- Buoy 15					Green can.	
6725	- Buoy 16					Red nun.	
6730	- LIGHT 17		**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6735	- LIGHT 18		**Fl R** 4^{s}	25	3	TR on pole.	
6740	- LIGHT 19		**Fl G** 2.5^{s}	15	3	SG on pile.	Ra ref.
6745	- *Lighted Buoy 21*		**Fl G** 6^{s}		3	Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN JOAQUIN RIVER (Chart 1656)	N/W					
	San Joaquin River						
6750	- LIGHT 23		**Fl G** 4^{s}	15	4	SG on pile.	Ra ref.
6755	- LIGHT 24		**Iso R** 6^{s}	20	9	TR on white skeleton tower.	
6760	- *Lighted Buoy 25*	38 03.6 121 40.8	**Fl G** 2.5^{s}		3	Green.	
6765	- LIGHT 26	38 04 121 40.5	**Fl R** 4^{s}	25	3	TR on pile structure.	Higher intensity beam up channel. Ra ref.
6770	- LIGHT 28		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
6775	THREEMILE SLOUGH LIGHT 1	38 05.1 121 41.1	**Fl G** 4^{s}	15	5	SG on pile.	
6780	- LIGHT 29	38 05.3 121 40.9	**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6785	- *Lighted Buoy 30*	38 05.5 121 40.5	**Fl R** 4^{s}		3	Red.	
6790	- *Lighted Buoy 32*	38 05.6 121 40.4	**Fl R** 2.5^{s}		3	Red.	
6795	- LIGHT 33	38 05.9 121 40.1	**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6800	- LIGHT 34	38 05.4 121 39.2	**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
6805	- LIGHT 35		**Fl G** 2.5^{s}	15	2	SG on pile.	Ra ref.
6810	- LIGHT 35A		**Fl G** 6^{s}	15	3	SG on pile.	Ra ref.
6815	- LIGHT 36	38 05.2 121 38.4	**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
6820	- LIGHT 37	38 05.4 121 38.1	**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6825	- LIGHT 38		**Fl R** 6^{s}	15	3	TR on pile.	Ra ref.
6830	- LIGHT 39		**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6835	- LIGHT 41		**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
6840	- LIGHT 42	38 06.1 121 36.1	**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
6845	- LIGHT 43		**Fl G** 2.5^{s}	15	3	SG on pile.	Ra ref.
6850	- LIGHT 44		**Fl R** 2.5^{s}	15	2	TR on pile.	Ra ref.
6855	- LIGHT 46		**Q R**	15	3	TR on pile.	Ra ref.
6860	- LIGHT 49		**Fl G** 4^{s}	15	4	SG on pile.	Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
	SAN JOAQUIN RIVER (Chart 1656)	N/W					
	San Joaquin River						
6865	– LIGHT 47		Q G	15	2	SG on pile.	Ra ref.
6870	– LIGHT 51		Fl G 2.5^s	15	3	SG on pile.	Ra ref.
6875	– LIGHT 53	38 04.8 121 34.1	Fl G 4^s	15	3	SG on pile.	Ra ref.
6880	– *Lighted Buoy 54*	38 04.6 121 34	Fl R 2.5^s		3	Red.	
6885	– LIGHT 55	38 04.5 121 33.7	Fl G 4^s	15	4	SG on column.	Ra ref.
6890	– LIGHT 56	38 04.1 121 33.6	Fl R 4^s	15	3	TR on pile.	Ra ref.
6895	– LIGHT 57	38 03.7 121 33.3	Fl G 4^s	15	3	SG on pile.	Ra ref.
6900	– LIGHT 58	38 03.5 121 33.3	Q R	15	3	TR on white column.	Higher intensity beam up channel. Ra ref.
	Stockton Channel						
6905	– RANGE B FRONT LIGHT	38 03.2 121 30.5	Q W	20		KRW on white column.	Visible all around; higher intensity on rangeline.
6910	– RANGE B REAR LIGHT 300 yards, 098° from front light.		Iso W 6^s	35		KRW on white column.	Visible 1° each side of rangeline.
6915	– LIGHT 2		Fl R 4^s	15	3	TR on pile.	Ra ref.
6920	– LIGHT 3		Fl G 4^s	30	3	SG on pile.	
6925	– LIGHT 4		Fl R 4^s	19	3	TR on pile.	Ra ref.
6930	– LIGHT 5		Fl G 4^s	25	3	SG on pile.	
6935	– LIGHT 6		Fl R 4^s	22	3	TR on pile.	
6940	– LIGHT 8		Fl R 4^s	20	3	TR on white column.	
6945	– LIGHT 9		Fl G 4^s	19	3	SG on pile.	
6950	– LIGHT 10		Fl R 4^s	25	3	TR on pile.	
6955	– LIGHT 11		Fl G 4^s	22	3	SG on pile.	
6960	– LIGHT 12		Fl R 4^s	24	3	TR on pile.	
6965	– RANGE C FRONT LIGHT	38 02.7 121 30.1	Q W	20		KRW on pile.	Visible all around; higher intensity on rangeline.
6970	– RANGE C REAR LIGHT 300 yards, 306° from front light.		Iso W 6^s	35		KRW on pile.	Visible 1° each side of rangeline.
6975	– LIGHT 13		Fl G 4^s	19	3	SG on pile.	
6980	– LIGHT 14		Fl R 4^s	20	3	TR on pile.	
6985	– LIGHT 16	38 01.5 121 28.1	Fl R 4^s	23	3	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA – Twelfth District						
	SAN JOAQUIN RIVER (Chart 1656)	N/W					
	Stockton Channel						
6990	– LIGHT 18		Fl R 4^s	24	3	TR on pile.	
6995	– RANGE D FRONT LIGHT	38 01.5 121 28	Q W	24		KRW on pile.	Visible all around; higher intensity on rangeline.
7000	– RANGE D REAR LIGHT 625 yards, 329° from front light.		Iso W 6^s	40		KRW on pile.	Visible all around; higher intensity on rangeline.
7005	– RANGE E FRONT LIGHT	38 01.4 121 27.9	QG	18		KRW on pile.	Visible all around; higher intensity on rangeline. Ra ref.
7010	– RANGE E REAR LIGHT 170 yards, 126° from front light.		Iso G 6^s	35		KRW on pile.	Visible 1° each side of rangeline.
7015	– RANGE D EAST END LIGHT		Q W	29	3	KRW on pile.	Visible 1° each side of rangeline.
7020	– LIGHT 19		Fl G 4^s	20	3	SG on pile.	
7025	– LIGHT 20		Fl R 4^s	20	3	TR on pile.	
7030	– LIGHT 21		Fl G 4^s	19	3	SG on pile.	
7035	– LIGHT 22		Fl R 4^s	20	3	TR on pile.	
7040	– LIGHT 23		Fl G 4^s	25	3	SG on pile.	
7045	– LIGHT 24		Fl R 4^s	25	3	TR on pile.	
7050	– LIGHT 25		Fl G 4^s	20	3	SG on pile.	
7055	– LIGHT 26		Fl R 4^s	24	3	TR on pile.	
7060	– LIGHT 27	37 59.7 121 25.9	Fl G 4^s	20	3	SG on pile.	
7065	– LIGHT 28	37 59.6 121 25.9	Fl R 4^s	15	3	TR on pile.	
7070	– LIGHT 29		Fl G 4^s	20	3	SG on pile.	
7075	– LIGHT 30		Fl R 4^s	25	3	TR on pile.	
7080	– LIGHT 31		Fl G 4^s	20	3	SG on pile.	
7085	– LIGHT 32		Fl R 4^s	20	3	TR on pile.	
7090	– LIGHT 33		Fl G 4^s	20	3	SG on pile.	
7095	– LIGHT 34		Fl R 4^s	22	3	White tower on pile structure.	
7100	– RANGE H FRONT LIGHT	37 59.1 121 23.3	Q G	25		KRW on pile.	Visible all around; higher intensity on rangeline.
7105	– RANGE H REAR LIGHT 657 yards, 115° from front light.		Iso G 6^s	51		KRW on skeleton tower.	Visible 1° each side of rangeline.
7110	– LIGHT 36		Fl R 4^s	20	3	TR on pile.	
7115	– LIGHT 38		Fl R 4^s	20	3	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN JOAQUIN RIVER (Chart 1656)	N/W					
	Stockton Channel						
7120	- RANGE J FRONT LIGHT	37 59.2 121 23.5	**Q W**	20		KRW on pile.	Visible all around; higher intensity on rangeline.
7125	- RANGE J REAR LIGHT 750 yards 317° from front light.		**Iso W** 6^{s}	65		KRW on pile.	Visible 1° each side of rangeline.
7130	- LIGHT 39		**Fl G** 4^{s}	20	3	SG on pile.	
7135	- LIGHT 40		**Fl R** 4^{s}	20	3	TR on pile.	
7140	- LIGHT 41		**Fl G** 4^{s}	20	3	SG on pile.	
7145	- LIGHT 42		**Fl R** 4^{s}	20	4	TR on pile.	
7150	- LIGHT 43		**Fl G** 4^{s}	20	3	SG on pile.	
7155	- LIGHT 45		**Fl G** 4^{s}	20	3	SG on pile.	
7160	ROD & GUN CLUB LIGHT	37 57.3 121 20.6	**F G**	10		Pile on dock.	Private aid.
7165	- LIGHT 48		**Fl R** 4^{s}	20	3	TR on pile.	
	Sacramento River Deep Water Ship Channel						
7170	- LIGHT 1	38 03.9 121 51	**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
7175	- LIGHT 2		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
7180	- LIGHT 3		**Fl G** 2.5^{s}	15	3	SG on pile.	Ra ref. Higher intensity beam upstream.
7185	- LIGHT 5		**Fl G** 4^{s}	15	4	SG on pile.	Ra ref.
7190	- LIGHT 6		**Fl R** 2.5^{s}	15	2	TR on pile.	Ra ref.
7195	- *Lighted Buoy 7*		**Fl G** 4^{s}		3	Black.	
7200	- LIGHT 8		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
7205	- *Lighted Buoy 9*		**Fl G** 4^{s}		4	Black.	
7210	- LIGHT 10		**Fl R** 2.5^{s}	15	2	TR on pile.	Ra ref.
7215	- *Lighted Buoy 11*		**Fl G** 6^{s}		4	Black.	
7220	- LIGHT 12		**Fl R** 6^{s}	15	3	TR on pile.	Ra ref.
7225	- LIGHT 13		**Fl G** 2.5^{s}	15	2	SG on pile.	Ra ref.
7230	- LIGHT 14		**Fl R** 2.5^{s}	15	2	TR on pile.	Ra ref.
7235	- LIGHT 15		**Fl G** 4^{s}	15	3	SG on pile.	Ra ref.
7240	- LIGHT 16		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.
7245	- LIGHT 17		**Fl G** 6^{s}	15	3	SG on pile.	Ra ref.
7250	- LIGHT 18		**Fl R** 6^{s}	15	3	TR on pile.	Ra ref.
7255	- LIGHT 19		**Fl G** 4^{s}	15	4	SG on pile.	Ra ref.
7260	- LIGHT 20		**Fl R** 4^{s}	15	3	TR on pile.	Ra ref.

CALIFORNIA - Twelfth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SAN JOAQUIN RIVER (Chart 1656)	N/W					
	Sacramento River Deep Water Ship Channel						
7265	- LIGHT 21		Fl G 2.5^{s}	15	3	SG on pile.	Ra ref.
7270	- LIGHT 22		Fl R 2.5^{s}	15	2	TR on pile.	Ra ref.
7275	- LIGHT 23		Fl G 6^{s}	15	3	SG on pile.	Ra ref.
7280	- *Lighted Buoy 24*	38 07.5 121 41.8	Fl R 2.5^{s}		3	Red.	
7285	- LIGHT 25		Fl G 4^{s}	15	3	SG on pile.	Ra ref.
7290	- LIGHT 26		Fl R 4^{s}	15	3	TR on pile.	Ra ref.
7295	- LIGHT 27		Fl G 2.5^{s}	15	4	SG on pile	Ra ref.
7300	DECKER ISLAND NORTH END LIGHT	38 06.3 121 42.6	Fl W 4^{s}	58	5	Skeleton tower.	
7305	- LIGHT 28		Fl R 2.5^{s}	15	2	TR on pile.	Ra ref.
7310	- LIGHT 29		Fl G 6^{s}	15	4	SG on pile.	Ra ref.
7315	- LIGHT 30		Fl R 6^{s}	15	3	TR on pile.	Ra ref.
7320	- LIGHT 32		Fl R 4^{s}	15	3	TR on pile.	Ra ref.
7325	- Buoy 34					Red nun.	
7330	**Rio Vista Bridge Fog Signals**	38 09.5 121 40.9					HORNS:(2) 1 blast ev 20^{s} (3s bl). Horns sound simulataneously. Operated only upon request. Private aid.
7335	- LIGHT 36		Fl R 2.5^{s}	15	3	TR on pile.	Ra ref.
7340	- Buoy 35					Green can.	
7345	- *Lighted Buoy 36A*		Fl R 4^{s}		3	Red.	
7350	- LIGHT 37		Fl G 4^{s}	15	4	SG on pile.	Ra ref.
7355	- LIGHT 39		Fl G 4^{s}	25	3	SG on pile.	
7360	- LIGHT 40		Fl R 4^{s}	25	3	TR on pile.	
7365	- LIGHT 41		Fl G 4^{s}	15	3	SG on pile.	Ra ref.
7370	- LIGHT 42		Fl R 4^{s}	25	3	TR on pile.	
7375	- LIGHT 43		Fl G 4^{s}	25	3	SG on pile.	
7380	- LIGHT 44		Fl R 4^{s}	25	3	TR on pile.	
7385	- LIGHT 45		Fl G 4^{s}	25	3	SG on pile.	
7390	- LIGHT 46		Fl R 4^{s}	25	3	TR on pile.	
7395	- LIGHT 47		Fl G 4^{s}	15	4	SG on pile	
7400	- LIGHT 48		Fl R 4^{s}	25	3	TR on pile.	
7405	- LIGHT 49		Q G	15	3	SG on pile.	
7410	- Daybeacon 49A					SG on pile.	Ra ref.
7415	- LIGHT 50		Fl R 4^{s}	12	3	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	SAN JOAQUIN RIVER (Chart 1656) N/W						
	Sacramento River Deep Water Ship Channel						
7420	- LIGHT 51		**Q G**	25	3	SG on pile.	
7425	- LIGHT 52		**Q R**	25	2	TR on pile.	
	SACRAMENTO RIVER (Chart 18662)						
	Sacramento River Deep Water Ship Channel						
7430	- LIGHT 53		**Fl G** 4^s	25	3	SG on pile.	
7435	- LIGHT 54		**Fl R** 4^s	15	3	TR on pile.	
7440	- LIGHT 55		**Fl G** 4^s	25	3	SG on pile.	
7445	- LIGHT 56		**Fl R** 4^s	25	3	TR on pile.	
7450	- LIGHT 57		**Fl G** 4^s		3	SG on pile.	
7455	- LIGHT 58		**Fl R** 4^s	25	3	TR on pile.	
7460	- RANGE A FRONT LIGHT		**Q G**	25	3	KRW on piles; SG facing downstream.	Light changes to Q W when a beam proceeding upstream. Higher intensity W on rangeline.
7465	- RANGE A REAR LIGHT 540 yards, 200° from front light.		**Iso W** 6^s	43		KRW on pile.	Visible 5° each side of rangeline.
7470	- LIGHT 60		**Fl R** 4^s	25	3	TR on pile.	
	Sacramento River Deep Water Ship Channel						
7475	- RANGE B FRONT LIGHT 61		**Q G**	25	3	KRW on pile; SG facing upstream.	Light changes to QW when abeam proceeding downstream. Higher intensity W on rangeline.
7480	- RANGE B REAR LIGHT 600 yards, 011° from front light.		**Iso W** 6^s	43		KRW on pile.	Visible 5° each side of rangeline.
7485	- LIGHT 62		**Fl R** 4^s	25	3	TR on pile.	
7490	- LIGHT 63		**Fl G** 4^s	18	3	SG on pile.	
7495	- LIGHT 64		**Fl R** 4^s	18	3	TR on pile.	
7500	- LIGHT 65		**Fl G** 4^s	18	3	SG on pile.	
7505	- LIGHT 66		**Fl R** 4^s	18	3	TR on pile.	
7510	- LIGHT 67		**Fl G** 4^s	18	3	SG on pile.	
7515	- LIGHT 68		**Fl R** 4^s	18	3	TR on pile.	
7520	- LIGHT 69		**Fl G** 4^s	18	3	SG on pile.	
7525	- RANGE C FRONT LIGHT 70		**Q R**	18	3	KRW on pile; TR facing downstream.	Light changes to QW when abeam proceeding upstream. Higher intensity W on rangeline.
7530	- RANGE C REAR LIGHT 400 yards 180° from front light.		**Iso W** 6^s	36		KRW on pile.	Visible 5° each side of rangeline.
7535	- LIGHT 71		**Fl G** 4^s	18	3	SG on pile.	

CALIFORNIA - Twelfth District

N/W

SACRAMENTO RIVER (Chart 18662)

Sacramento River Deep Water Ship Channel

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7540	- RANGE D FRONT LIGHT 72		Q W Fl R 2.5^s	18	W 8 R 3	KRW on pile; TR facing upstream.	QW visible 4° each side of rangeline. Passing light Fl R 2.5s.
7545	- RANGE D REAR LIGHT 700 yards 020° from front light.		Iso W 6^s	36		KRW on pile.	Visible 5° each side of rangeline.
7550	- LIGHT 73		Fl G 4^s	22	3	SG on pile.	
7555	- LIGHT 74		Fl R 4^s	22	3	TR on pile.	
7560	- LIGHT 75		Fl G 4^s	22	3	SG on pile.	
7565	- LIGHT 76		Fl R 4^s	22	3	TR on pile.	
7570	- RANGE E FRONT LIGHT 77		Q W	22		KRW on pile; SG facing upstream.	Visible all around; higher intensity on rangeline.
7575	- RANGE E REAR LIGHT 370 yards 000° from front light.		Iso W 6^s	40		KRW on white column.	Visible 5° each side of rangeline.
7580	- LIGHT 79		Fl G 4^s	22	3	SG on pile.	
7585	- LIGHT 80		Fl R 2.5^s	22	3	TR on pile.	
7590	- LIGHT 81		Fl G 4^s	22	3	SG on pile.	
7595	- LIGHT 82		Q R	22	3	TR on pile.	
7600	- LIGHT 83		Fl G 4^s	22	3	SG on pile.	
7605	- LIGHT 84		Fl R 4^s	22	3	TR on pile.	
7610	- LIGHT 85		Fl G 4^s	22	3	SG on pile.	
7615	- LIGHT 86		Fl R 4^s	22	3	TR on pile.	

SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)

Sacramento River

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7620	- Buoy 2					Red nun.	
7625	- LIGHT 1		Fl G 4^s	20	5	SG on pile.	
7630	- LIGHT 4		Fl R 4^s	20	3	TR on pile.	
7635	- LIGHT 5		Fl G 4^s	20	3	SG on pile.	
7640	- LIGHT 6		Fl R 4^s	24	3	TR on pile.	
7645	- LIGHT 8		Fl R 4^s	15	3	TR on dolphin.	
7650	- LIGHT 9		Fl G 4^s	15	3	SG on pump house.	
7655	- LIGHT 11		Fl G 4^s	15	3	SG on dolphin.	
7660	- LIGHT 13		Fl G 4^s	25	3	SG on white frame structure adjacent to pump building.	
7665	- LIGHT 18		Fl R 4^s	20	3	TR on pile structure.	
7670	- LIGHT 19		Fl G 4^s	25	3	SG on pile structure.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
		N/W					
	SACRAMENTO AND SAN JOAQUIN RIVER (Chart 18661)						
	Sacramento River						
7675	- Daybeacon 20					TR on small platform on levee.	
7680	- LIGHT 22		**Fl R** 4^s	23	3	TR on white tower.	
7685	- Daybeacon 26					TR on white tower.	
7690	- Daybeacon 29					SG on dolphin.	
7695	- LIGHT 31		**Fl G** 4^s	30	3	SG on dolphin.	
7700	- Daybeacon 33					SG on pile.	
7705	- LIGHT 34		**Fl R** 4^s	35	3	TR on pile.	
7710	- Daybeacon 36					TR on pile.	
7715	- Daybeacon 38					TR on pile.	
7720	- Daybeacon 39					SG on pile.	
7725	- LIGHT 41		**Fl G** 4^s	30	3	SG on pile.	
7730	- LIGHT 45		**Fl G** 4^s	26	3	SG on pile.	
7735	- LIGHT 49		**Fl G** 4^s	35	3	SG on dolphin.	
7740	- Daybeacon 50					TR on dolphin.	
7745	- LIGHT 51		**Fl G** 4^s	35	3	SG on pile.	
7750	- Daybeacon 52					TR on pile.	
7755	- LIGHT 56		**Fl R** 4^s	35	3	TR on pile.	
7760	- Daybeacon 58					TR on dolphin.	
	BODEGA AND TOMALES BAY (Chart 18643)						
	Bodega Bay						
7765	*Bodega Harbor Approach Lighted Buoy BA*	38 17.2 123 02.3	**Mo (A) W**		6	Black and white stripes.	
7770	BODEGA HEAD LIGHT	38 18 123 03.2	**Fl W** 6^s	110	7	NR on pile.	Light obscured from 047° to 205°.
	Bodega Harbor						
7775	- ENTRANCE LIGHT	38 18.3 123 02.9	**Fl W** 4^s	20	6	NG on skeleton tower.	HORN: 1 blast ev 10^s (1^s bl). Operates continuously.
7780	- Channel Daybeacon 2					TR on pile.	
7785	- CHANNEL RANGE A FRONT LIGHT 3	38 18.3 123 03.4	**Q G**	13		KRW on pile, SG facing upstream.	Visible all around; higher intensity on rangeline.
7790	- CHANNEL RANGE REAR LIGHT 153 yards, 269° from front light.		**Iso G** 6^s	25		KRW on frame structure.	Visible all around; higher intensity on rangeline.
7795	- Daybeacon 4	38 18.4 13 03.3				TR on pile.	
7800	- CHANNEL RANGE B FRONT LIGHT 5	38 18.4 123 03.4	**Q G**			KRW on pile, SG facing downstream.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	BODEGA AND TOMALES BAY (Chart 18643)	N/W					
	Bodega Harbor						
7805	- CHANNEL RANGE B REAR LIGHT 193 yards, 209° from front light.		**Iso G** 6s	25		KRW located with Range A Rear Light.	Visible all around; higher intensity on rangeline.
7810	- Channel Daybeacon 6					TR on pile.	
7815	- Channel Daybeacon 7					SG on pile.	
7820	- Channel Daybeacon 8					TR on pile.	
7825	- Channel Daybeacon 9					SG on pile.	
7830	- Channel Daybeacon 10					TR on pile.	
7835	- Channel Daybeacon 11					SG on pile.	
7840	- Channel Daybeacon 13	38 18.8 123 03.2				SG on pile.	
7845	- CHANNEL RANGE C FRONT LIGHT 14		**Q R**	13		KRW on piles, TR facing downstream.	Visible all around; higher intensity on rangeline.
7850	- CHANNEL RANGE C REAR LIGHT 225 yards 179° from front light.		**Iso R** 6s	23		KRW on pile.	Visible 1° each side of rangeline.
7855	- Channel Daybeacon 15					SG on pile.	
7860	- Channel Daybeacon 16					TR on pile.	
7865	- Channel Daybeacon 18					TR on pile.	
7870	- Channel Buoy 19					Green can.	
7875	- Channel Daybeacon 20					TR on pile.	
7880	- Channel Daybeacon 21					SG on pile.	
7885	- Channel Daybeacon 22					TR on pile.	
7890	- Channel Daybeacon 23	38 19.2 123 03.1				SG on pile.	
7895	- Channel Daybeacon 24	38 19.3 123 03.1				TR on pile.	
7900	- Channel Daybeacon 25					SG on pile.	
7905	- CHANNEL LIGHT 26	38 19.4 123 03.1	**Fl R** 4s	12	3	TR on pile.	
7910	- Channel Daybeacon 27					SG on pile.	
7915	- Channel Daybeacon 28					TR on pile.	
7920	- Channel Daybeacon 29	38 19.5 123 03.1				SG on pile.	
7925	- Channel Daybeacon 30					TR on pile.	
7930	- Channel Daybeacon 31	38 19.5 123 03.1				SG on pile.	
7935	- Channel Daybeacon 32					TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CALIFORNIA - Twelfth District						
	BODEGA AND TOMALES BAY (Chart 18643)	N/W					
	Bodega Harbor						
7940	- Channel Daybeacon 33	38 19.6 123 03.1				SG on pile.	
7945	- Channel Daybeacon 34	38 19.8 123 03.1				TR on pile.	
7950	- Channel Daybeacon 35					SG on pile.	
7955	- Channel Daybeacon 36					TR on pile.	
7960	- CHANNEL LIGHT 37		Fl G 2.5^{s}	13	3	SG on pile.	
7965	- CHANNEL RANGE D REAR 39	38 19.9 123 03.1	Q G	13		KRW on piles, SG facing upstream.	Visible all around; higher intensity on rangeline.
7970	- CHANNEL RANGE D REAR LIGHT 275 yards 359° 30′ from front light.		Iso G 6^{s}	23		KRW on white timber structure.	Visible 1° each side of rangeline.
7975	- Channel Daybeacon 40	38 19.9 123 02.9				TR on pile.	
7980	- CHANNEL LIGHT 42	38 19.9 123 02.9	Fl R 4^{s}	12	3	TR on pile structure.	
7985	- Channel Daybeacon 44	38 19.8 123 02.8				TR on pile.	
7990	- Channel Daybeacon 46					TR on pile.	
7995	- Channel Daybeacon 48	38 19.6 123 02.6				TR on pile.	
8000	- Channel Daybeacon 50	38 19.6 123 02.5				TR on pile.	
8005	- Channel Daybeacon 52	38 19.5 123 02.5				TR on pile.	
8010	- Channel Daybeacon 54	38 19.4 123 02.4				TR on pile.	
8015	- Channel Daybeacon 56	38 19.4 123 02.4				TR on pile.	
	Tomales Bay						
8020	*Tomales Point Lighted Bell Buoy 2*	38 15.1 123 00.1	Fl R 6^{s}		4	Red.	
8025	- Outside Bar Gong Buoy	38 14.6 122 59.2				Black and white stripes.	
8030	- Inside Bar Buoy 1					Green can.	
8035	- Buoy 3					Green can.	
8040	- Lawsons Landing Daybeacon 1					SG on pile.	Private aid.
8045	- Lawsons Landing Daybeacon 3					SG on pile.	Private aid.
8050	- Lawsons Landing Daybeacon 5					SG on pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
	BODEGA AND TOMALES BAY (Chart 18643)	N/W					
	Tomales Bay						
8055	- Lawson Landing Daybeacon 7					SG on pile.	Private aid.
8060	- Daybeacon 5			8		SG on pile.	
8065	Hog Island Daybeacon			8		JG on pile.	
8070	- Daybeacon 7			8		SG on pile.	
8075	- Daybeacon 10			8		TR on pile.	
	ELK TO FORT BRAGG (Chart 18626)						
	Albion River						
8080	- LIGHT 1	39 13.7 123 46.4	**Q G**	35	5	SG on tower.	Higher intensity beam toward entrance buoy. HORN: 1 blast ev 30^s (3^s bl). Operates continuously from Apr. 1 to Oct 1.
	Noyo River						
8085	- *Entrance Lighted Bell Buoy 2*		**Fl R** 2.5^s		3	Red.	
8090	- Entrance Buoy 3					Black can.	
8095	- Entrance Daybeacon 4					TR on pile.	
8100	- ENTRANCE LIGHT 5	39 25.7 123 48.5	**Oc G** 4^s	28	7	SG on pile. 22	HORN: 1 blast ev 30^s (3^s bl). Located 235 feet inshore from light.
8105	- RANGE FRONT LIGHT 6	39 25.6 123 48.4	**Q R**	15	6	KRW and TR on pile.	Visible all around; higher intensity on rangeline.
8110	- Daybeacon 8					TR on pile.	Ra ref.
8115	- LIGHT 9		**Fl G** 2.5^s	15	5	SG on pole.	Higher intensity beam toward entrance.
8120	- RANGE REAR LIGHT 10 175 yds, 104°45′ from front light.		**Iso R** 6^s	15	6	KRW and TR on pile.	Visible all around; higher intensity on rangeline.
8125	- LIGHT 12		**Fl R** 4^s	5	5	TR on pile.	
	HUMBOLDT BAY (Chart 18622)						
	Humboldt Bay						
8130	- *Entrance Lighted Whistle Buoy HB*	40 46.4 124 16.2	**Mo (A) W**		5	Black and white stripes.	
8135	- Entrance Bell Buoy 2	40 46 124 14.8				Red.	
8140	- APPROACH RANGE FRONT LIGHT	40 45.9 124 13.9	**Oc W** 4^s	35		KRW on white house on white tower.	HORN: 2 blasts ev 20^s (2^s bl-2^s si-2^s bl-14^s si).
8145	- APPROACH RANGE REAR LIGHT 240 yards, 105° from front light.		**Oc W** 4^s	55		KRW on pile. On same structure as Humboldt Bay Light.	Range lights are synchronized. Visible 5° on each side of rangeline.
8150	- ENTRANCE LIGHT 3	40 46.1 124 14.2	**Fl G** 2.5^s	60	5	SG on white cylindrical tower, NL worded NORTH.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			CALIFORNIA - Twelfth District				
		N/W					
	HUMBOLDT BAY (Chart 18622)						
	Humboldt Bay						
8155	- ENTRANCE LIGHT 4	40 45.9 124 14.5	**Fl R** 2.5^s	57	5	TR on white cylindrical tower, NL worded SOUTH.	HORN: 1 blast ev 10^s (1^s bl). Operates continuously.
8160	- **Light**	40 45.9 124 13.7	**Fl W** 5^s	100	22	White column.	
8165	- ENTRANCE RANGE FRONT LIGHT	40 44.8 124 13.2	**Q G**	20		KRW on pile.	Visible 5° each side of rangeline.
8170	- ENTRANCE RANGE REAR LIGHT 600 yards, 140° from front light.		**Oc G** 4^s	38		KRW on pile.	
8175	- *Lighted Buoy 5*		**Fl G** 4^s		4	Black.	
8180	- LIGHT 6	40 45.4 124 14	**Fl R** 4^s	30	3	TR on pile.	
8185	- *Lighted Bell Buoy 7*		**Fl G** 4^s		5	Green.	
8190	- *Lighted Bell Buoy 8*		**Q R**		4	Red.	
8195	- *Lighted Buoy 9*		**Fl G** 2.5^s		3	Black.	
8200	- *Lighted Buoy 10*		**Fl R** 4^s		4	Red.	
8205	- LIGHT 11	40 45.6 124 13.2	**Fl G** 4^s	35	3	SG on steel pile structure.	
8210	- LIGHT 12	40 45.9 124 12.8	**Fl R** 6^s	15	4	TR on pile.	Ra ref.
8215	- LIGHT 13	40 46 124 12.9	**Fl G** 2.5^s	14	4	SG on pile.	Ra ref.
8220	- LIGHT 14	40 46.1 124 12.6	**Fl R** 2.5^s	15	3	TR on pile.	Ra ref.
8225	- *Lighted Buoy 15*	40 46.4 124 12.2	**Fl G** 4^s		4	Black.	
8230	- LIGHT 16	40 46.4 124 12.1	**Fl R** 4^s	25	4	TR on mast.	
8235	- *Lighted Buoy 17*	40 46.7 124 11.9	**Fl G** 2.5^s		4	Black.	
8240	- LIGHT 18	40 47.8 124 11.2	**Fl R** 2.5^s	26	4	TR on mast.	
8245	SAMOA CHANNEL LIGHT 2		**Fl R** 2.5^s	15	2	TR on pile.	Ra ref.
8250	SAMOA CHANNEL LIGHT 3		**Fl G** 4^s	15	3	SG on pile.	Ra ref.
8255	SAMOA CHANNEL LIGHT 4		**Fl R** 4^s	15	3	TR on pile.	Ra ref.
8260	*Samoa Turning Basin Lighted Buoy A*	40 49 124 10.4	**Fl Y** 4^s		3	Orange and white bands.	
8265	- LIGHT 19	40 48.3 124 10.9	**Fl G** 4^s	15	3	SG on pile.	Ra ref.
8270	- LIGHT 21	40 48.5 124 10	**Fl G** 2.5^s	15	3	SG on pile.	Ra ref.
8275	WOODLEY ISLAND MARINA LIGHT	40 48.4 124 09.9	**Fl G** 4^s	14		SGon pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		CALIFORNIA – Twelfth District					
	HUMBOLDT BAY (Chart 18622)	N/W					
	Hookton Channel						
8280	– *Lighted Buoy 1*	40 44.9 124 13.3	**Fl G** 4^s		3	Black.	
8285	– LIGHT 2		**Fl R** 4^s	15	3	TR on pile.	Ra ref.
8290	– LIGHT 3		**Fl G** 2.5^s	15	2	SG on pile.	Ra ref.
8295	– RANGE FRONT LIGHT 4	40 44.6 124 13.6	**Q R**	20	6	KRW on pile.	Visible all around; higher intensity on rangeline.
8300	– RANGE REAR LIGHT 100 yards, 326°30′ from front light.		**Iso R** 6^s	25	6	KRW on pile.	Visible 4° each side of rangeline.
8305	– *Lighted Buoy 5*		**Fl G** 4^s		4	Green.	
8310	– LIGHT 6		**Fl R** 2.5^s	15	2	TR on pile.	Ra ref.
8315	– *Lighted Buoy 7*		**Fl G** 4^s		3	Black.	
8320	– *Lighted Buoy 8*		**Fl R** 6^s		4	Red.	
8325	PACIFIC GAS AND ELECTRIC COMPANY DIKE LIGHT	40 44.2 124 13.1	**Fl W** 4^s	18		Dolphin.	Private aid.
8330	– *Lighted Buoy 10*		**Fl R** 4^s		3	Red.	
8335	– Daybeacon 9					Black pile with crossboards.	
8340	– *Lighted Buoy 12*		**Fl R** 2.5^s		3	Red.	
8345	– *Lighted Buoy 13*		**Fl G** 2.5^s		3	Black.	
8350	– LIGHT 14		**Fl R** 4^s	15	3	TR on pile structure.	Ra ref.
	ST. GEORGE REEF AND CRESCENT CITY HARBOR (Chart 18603)						
	Crescent City Harbor						
8355	– Buoy 1	41 44.2 124 12.8				Green can.	
8360	– *Lighted Whistle Buoy 2*	41 43 124 11.7	**Fl R** 6^s		4	Red.	
8365	– *Lighted Whistle Buoy 4*		**Fl R** 4^s		4	Red.	
8370	CRESCENT CITY ENTRANCE LIGHT	41 44.2 124 11.4	**Fl W** 5^s	55	15	White cylindrical structure.	RBN: 325 kHz C (—•—•). HORN: 1 blast ev 10^s (1^s bl). Operates continuously.
8375	– *Lighted Bell Buoy 6*		**Fl R** 2.5^s		4	Red.	
8380	– Buoy 7					Black can.	
8385	CRESCENT CITY INNER BREAKWATER LIGHT 8	41 44.6 124 11.2	**Fl R** 4^s	30	4	TR on pile.	
8390	– RANGE FRONT LIGHT	41 45 124 11.3	**Oc G** 4^s	25		KRW on pile.	Visible 4° each side of rangeline.
8395	– RANGE REAR LIGHT 79 yards, 001° from front light.		**Oc G** 4^s	38		KRW on pile.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	LAKE TAHOE - Twelfth District						
	LAKE TAHOE (Chart 18665)	N/W					
8400	COAST GUARD PIER LIGHT	39 10.8 120 17.1	**Fl W 6ˢ**	8	7	Pile.	Maintained from May 1 to Oct. 1.
8405	SUGAR PINE POINT LIGHT	39 03.7 120 06.8	**Fl W 4ˢ**	15	5	NR on tower.	Maintained from May 1 to Oct. 1.
	Lake Tahoe						
8410	- Buoy 2					Red nun.	
8415	- Buoy 4					Red nun.	
8420	- Buoy 6					Red nun.	
8425	- Buoy 8					Red nun.	
8430	- Buoy 10					Red nun.	
8435	- Buoy 12					Red nun.	
8440	- Buoy 14					Red nun.	
8445	- Buoy 16					Red nun.	
8450	- Buoy 18					Red nun.	
8455	- Buoy 20					Red nun.	
8460	- Buoy 22					Red nun.	
8465	Emerald Bay Entrance Buoy 2					Red nun.	
8470	Emerald Bay Entrance Buoy 3					Green can.	
8475	Emerald Bay Entrance Buoy 4					Red nun.	
8480	- Buoy 24					Red nun.	
8485	- Buoy 26					Red nun.	
8490	- Buoy 28					Red nun.	
8495	- Buoy 30					Red nun.	
8500	- Buoy 32					Red nun.	
8505	- Buoy 34					Red nun.	
8510	- Buoy 36					Red nun.	
8515	- Buoy 38					Red nun.	
8520	- Buoy 40					Red nun.	
8525	- Buoy 42					Red nun.	
8530	- Restricted Area Daybeacon A					NW on white pile.	
8535	- Restricted Area Daybeacon B					NW on white pile.	
8540	- Restricted Area Daybeacon C					NW on white pile.	
8545	- Restricted Area Daybeacon D					NW on white pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	LAKE TAHOE – Twelfth District						
	LAKE TAHOE (Chart 18665)	N/W					
	Lake Tahoe						
8550	– Restricted Area Daybeacon E					NW on white pile.	
8555	– Restricted Area Daybeacon F					NW on white pile.	
8560	– Restricted Area Daybeacon G					NW on white pile.	
8565	– Restricted Area Daybeacon H					NW on white pile.	
8570	– Restricted Area Daybeacon I					NW on white pile.	
8575	– Restricted Area Daybeacon J					NW on white pile.	
8580	– Restricted Area Daybeacon K					NW on white pile.	
8585	– Restricted Area Daybeacon L					NW on white pile.	
8590	– Restricted Area Daybeacon M					NW on white pile.	
	OREGON – Thirteenth District						
	PYRAMID PT. TO CAPE SEBASTIAN (Chart 18602)						
	Chetco River						
8595	– *Approach Lighted Whistle Buoy CR*	42 01.7 124 17	**Mo (A) W**		6	Black and white stripes.	
8600	– **Entrance Radiobeacon**	42 02.8 124 16			6		RBN: 296 kHz B (–•••).
8605	– *Entrance Lighted Bell Buoy 2*	42 02.1 124 16.5	**Fl R 4^s**		4	Red.	
8610	– ENTRANCE RANGE FRONT LIGHT	42 02.9 124 16.5	**Q R**	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
8615	– ENTRANCE RANGE REAR LIGHT 277 yards, 030° from front light.		**Iso R 6^s**	59		KRB on skeleton tower.	Visible 4° each side of rangeline. Range lights are synchronized.
8620	– Entrance Gong Buoy 3					Black.	Maintained from May 1 to Sept. 15.
8625	– ENTRANCE LIGHT 5	42 02.6 124 16.3	**Fl G 4^s**	23	6	SG on white cylindrical concrete column.	HORN: 1 blast ev 30^s (3^s bl).
8630	– Entrance Small Boat Warning Sign		**Q Y (2)**	13		NW worded ROUGH BAR in black letters.	Lights flashing when seas exceed four feet in height, lights extinquished for lesser bar conditions, but with no guarantee that bar is safe.
8635	– Entrance Daybeacon 9	42 02.8 124 16.1				SG on pipe.	Maintained from June 1 to Sept. 15.
8640	– ENTRANCE LIGHT 11	42 02.9 124 16.1	**Q G**	16	2	SG on pedestal structure.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	PYRAMID PT. TO CAPE SEBASTIAN (Chart 18602)	N/W					
	Chetco River						
8645	– Entrance Daybeacon 12					TR on dolphin.	
	CAPE SEBASTIAN TO HUMBUG MT. (Chart 18601)						
	Rogue River						
8650	– *Approach Lighted Whistle Buoy R*	42 23.6 124 28.5	**Mo (A) W**		6	Black and white stripes.	
8655	– *Entrance Lighted Bell Buoy 1*	42 24.8 124 26.6	**Fl W** 4^s		6	Black.	Replaced by green can from Sept. 15 to Apr. 30.
8660	– NORTH JETTY LIGHT 3	42 25.2 124 25.9	**Fl G** 2.5^s	23	4	SG on skeleton structure.	HORN: 1 blast ev 30^s (3^s bl). Operates continuously. Light and horn signal maintained from June 1 to Sept. 15.
8665	– Buoy 5	42 25.6 124 25.4				Green can.	Maintained from June 1 to Sept. 15.
8670	– Entrance Small Boat Warning Sign	42 25.6 124 25.4	**Q Y (2)**			NW on square structure worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinquished for lesser sea conditions, but with no guarantee that bar is safe. Maintained during daylight only from July 1 to Sept. 5.
	COQUILLE RIVER ENTRANCE (Chart 18588)						
	Coquille River						
8675	– *Entrance Lighted Whistle Buoy 2*	43 08.2 124 27.9	**Fl W** 4^s		6	Red.	
8680	– *Entrance Lighted Bell Buoy 4*		**Fl R** 6^s		4	Red.	
8685	– *South Jetty Lighted Whistle Buoy 6*		**Fl W** 2.5^s		6	Red.	Replaced by nun buoy from Sept. 15 to May 1.
8690	– ENTRANCE RANGE FRONT LIGHT	43 07.3 124 25.1	**Q R**	32		KRB on skeleton tower.	Visible 4° each side of rangeline
8695	– ENTRANCE RANGE REAR LIGHT 165 yards 108° from light.		**Iso R** 6^s	49		KRB on skeleton tower.	Visible 4° each side of rangeline.
8700	– SOUTH JETTY LIGHT 8	43 07.4 124 25.7	**Fl R** 4^s	30	6	TR on white masonry building.	HORN: 1 blast ev 30^s (3^s bl). Light and fog signal operate continously. Maintained from June 1 to Sept. 30.
8705	– Small Boat Warning Sign	43 07.3 124 25.1	**Q Y (2)**	29		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, light extinguished for lesser sea condition but with no guarantee that bar is safe. Maintained during daylight only from July 1 to Sept. 5.
8710	– Rock Buoy 11					Black can.	Maintained from July 1 to Sept. 5.
8715	– LIGHT 12		**Fl R** 2.5^s	15	4	TR.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
		N/W					
	COQUILLE RIVER ENTRANCE (Chart 18588)						
	Coquille River						
8720	– LIGHT 14	43 07.3 124 24.6	**Fl R** 4^{s}	15	3	TR on breakwater.	
8725	– Buoy 15					Black can.	Maintained from July 1 to Sept. 5.
	COOS BAY (Chart 18587)						
	Coos Bay						
8730	– *Approach Lighted Whistle Buoy K*	43 22.2 124 23	**Mo (A) W**		6	Red and white stripes.	
8735	– *Entrance Lighted Bell Buoy 1*	43 21.9 124 21.7	**Fl W** 4^{s}		5	Green.	
8740	– ENTRANCE RANGE FRONT LIGHT	43 21 124 19.5	**Q R**	22		KRB on pile structure. On same structure as Coos Bay Inside Range Front Light.	Visible 4° each side of rangeline.
8745	– ENTRANCE RANGE REAR LIGHT 890 yards, 116° from front light.		**F R**	38		KRB on skeleton tower.	Visible 4° each side of rangeline.
8750	– *Entrance Lighted Buoy 2*	43 21.4 124 20.9	**Fl R** 4^{s}		3	Red.	
8755	– *North Jetty Lighted Gong Buoy 3*	43 21.7 124 21.2	**Fl G** 4^{s}		3	Black.	
8760	– NORTH JETTY LIGHT 3A	43 21.5 124 20.6	**Fl G** 2.5^{s}	23	3	SG on pedestal.	HORN: 1 blast ev 30^{s} (3^{s} bl). Fog signal sounded continuously from June 1 to Sept. 15.
8765	*Guano Rock Lighted Whistle Buoy 4*		**Fl R** 4^{s}		3	Red.	
8770	– LEADING LIGHT	43 21 124 20.1	**Q W**	90	4	NB on skeleton tower.	Visible from 138° to 279° with a higher intensity beam bearing 246.5°.
8775	– *Channel Lighted Bell Buoy 5*		**Q G**		4	Black.	
8780	– *Channel Lighted Buoy 5A*		**Fl G** 4^{s}		3	Black.	
8785	– INSIDE RANGE A FRONT LIGHT	43 21 124 19.5	**Q R**	29		KRB on pile structure. On same structure as Coos Bay Entrance Range Front Light.	Visible all around, higher intensity on rangeline.
8790	– INSIDE RANGE A REAR LIGHT 200 yards 203° from front light.		**Iso R** 6^{s}	43		KRB on pile structure.	Visible 15° each side of rangeline.
8795	– *Junction Lighted Buoy*	43 21.3 124 19.2	**Fl (2+1) R** 6^{s}		5	Red and green bands.	
8800	– CHANNEL LIGHT 7	43 21.5 124 19.2	**Fl G** 4^{s}	16	3	SG on dolphin.	
8805	– INSIDE RANGE B FRONT LIGHT	43 22.1 124 18.8	**Q W**	20		KRB on pile structure.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	COOS BAY (Chart 18587)	N/W					
	Coos Bay						
8810	- INSIDE RANGE B REAR LIGHT 587 feet 023° from front light.		**Iso W** 6^s	30		KRB on skeleton tower on structure.	Visible 4° each side of rangeline.
8815	- RANGE A FRONT LIGHT	43 21.7 124 19.3	**Q W**	19		KRB on pile structure.	Visible 4° each side of rangeline.
8820	- RANGE A REAR LIGHT 330 yards 223°48' from		**Iso W** 6^s	37		KRB on tower on pile sturcture.	Visible 4° each side of rangeline.
8825	- *Channel Lighted Buoy 8*		**Fl R** 6^s		4	Red.	
8830	- *Channel Lighted Buoy 10*		**Fl R** 4^s		4	Red.	
8835	- *Channel Lighted Buoy 11*	43 22.6 124 18.1	**Fl G** 4^s		4	Green.	
8840	- *Channel Lighted Buoy 12*		**Q R**		3	Red.	
8845	- RANGE B FRONT LIGHT	43 23.3 124 17	**Q R**	21		KRB on pile structure.	Visible 2° each side of rangeline.
8850	- RANGE B REAR LIGHT 479.2 yards, 045.4° from front light.		**Iso R** 6^s	39		KRB on skeleton tower on structure.	Visible 2° each side of rangeline.
8855	EMPIRE RANGE A FRONT LIGHT	43 22.5 124 17.7	**Q R**	19		KRB on pile structure.	Visible 4° each side of rangeline.
8860	EMPIRE RANGE A REAR LIGHT 283 yards, 204°48' from front light.		**Iso R** 6^s	35		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
8865	EMPIRE RANGE B FRONT LIGHT	43 24.8 124 16.3	**Q R**	19		KRB on dolphin.	Visible 4° each side of rangeline.
8870	EMPIRE RANGE B REAR LIGHT 500 yards, 025° from front light.		**Iso R** 6^s	39		KRB on dolphin.	Visible 4° each side of rangeline.
8875	- *Channel Lighted Buoy 14*		**Fl R** 6^s		4	Red.	
8880	COOS BAY FISH PEN LIGHT 1	43 23.9 124 17	**Fl W** 2^s				Marks intake structure. Private aid.
8885	COOS BAY FISH PEN LIGHT 2		**Fl W** 2^s				Marks end of fish ladder. Private aid.
8890	- *Channel Lighted Buoy 15*		**Fl G** 6^s		4	Black.	
8895	NORTH BAY RECEIVING STATION WHARF LIGHT A	43 24 124 16.9	**F W**	20		Corner of pier.	Private aid.
8900	NORTH BAY RECEIVING STATION WHARF LIGHT B	43 24.1 124 16.9	**F W**	20		Corner of pier.	Private aid.
8905	- *Channel Lighted Buoy 16*		**Fl R** 4^s		4	Red.	

OREGON - Thirteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COOS BAY (Chart 18587)	N/W					
	Coos Bay						
8910	JARVIS LOWER RANGE A FRONT LIGHT	43 23.5 124 16.8	**Q R**	23		KRB on pile structure.	Visible 4° each side of rangeline.
8915	JARVIS LOWER RANGE A REAR LIGHT 290 yards, 188.5° from front light.		**Iso R** 6^s	38		KRB on skeleton tower pile structure.	Visible 4° each side of rangeline.
8920	- LIGHT 17		**Fl G** 4^s	18	3	SG on dolphin.	
8925	LOWER JARVIS RANGE B FRONT LIGHT	43 25.1 124 16.5	**Q W**	18		KRB on dolphin.	Visible all around; higher intensity on rangeline.
8930	LOWER JARVIS RANGE B REAR LIGHT 285 yards, 009° from front light.		**Iso W** 6^s	32		KRB on tower. On same structure as Jarvis Upper Range A Rear Light.	Visible all around; higher intensity on rangeline.
8935	- *Channel Lighted Buoy 18*		**Q R**		3	Red.	
8940	JARVIS DIKE 6.8 LIGHT 19	43 25 124 16.5	**Fl G** 4^s	15	3	SG on dolphin.	
8945	JARVIS UPPER RANGE A FRONT LIGHT	43 25.3 124 16.2	**Q W**	15		KRB on dolphin.	Visible all around; higher intensity on rangeline.
8950	JARVIS UPPER RANGE A REAR LIGHT 300 yards 259° from front light.		**Iso W** 6^s	32		KRB on tower. On same structure as Jarvis Lower Range B Rear Light.	Visible all around; higher intensity on rangeline.
8955	- *Channel Lighted Buoy 23*		**Fl G** 2.5^s		5	Green.	
8960	JARVIS UPPER RANGE B FRONT LIGHT	43 25.7 124 13.3	**Q W**	15		KRB on pile structure.	Visible 4° each side of rangeline.
8965	JARVIS UPPER RANGE B REAR LIGHT 405 yards, 079° from front light.		**Iso W** 6^s	32		KRB on tower on dolphin.	Visible 4° each side of rangeline.
8975	DOUGLAS FIR DOCK LIGHTS		**(4) F R**	19		Dolphins and ends of dock.	Private aids.
8980	- Channel Buoy 24	43 25.5 124 15.2				Red nun.	
8985	- CHANNEL LIGHT 25		**Fl G** 4^s	15	3	SG on dolphin.	
8990	- Channel Buoy 27					Green can.	
8995	- **Bridge Fog Signal**	43 25.6 124 14.1					SIREN: 1 blast ev 60^s (30^s bl) when draw is closed. BELL: 1 stroke ev 10^s when draw is open. Private aid.
9000	- CHANNEL LIGHT 28	43 25.6 124 13.7	**Fl R** 4^s	17	5	TR on dolphin.	
9005	- *Channel Lighted Buoy 29*	43 25.7 124 13.6	**Q G**		4	Black.	
	North Bend						
9010	- LOWER RANGE FRONT LIGHT	43 25.5 124 12.9	**Q G**	20		KRB on dolphin.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON – Thirteenth District				
		N/W					
	COOS BAY (Chart 18587)						
	North Bend						
9015	– LOWER RANGE REAR LIGHT 468 feet, 112.2° from front light.		**Iso G 6^{s}**	25		KRB on skeleton tower on pile structure. On same structure as North Bend Range Rear Light.	Visible all around; higher intensity on rangeline.
9020	– RANGE FRONT LIGHT	43 25.3 124 12.8	**Q G**	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9025	– RANGE REAR LIGHT 492 feet, 009° from front light.		**Iso G 6^{s}**	25		KRB on skeleton tower on pile structure. On same structure as North Bend Lower Range Rear Light.	Visible all around; higher intensity on rangeline.
	Coos Bay						
9030	– CHANNEL LIGHT 35	43 24.6 124 13	**Fl G 2.5^{s}**	16	2	SG on dolphin.	
9035	– CHANNEL LIGHT 36	43 24.5 124 13.1	**Fl R 4^{s}**	23	4	TR on skeleton tower on pile structure.	
9040	NORTH BEND UPPER RANGE FRONT LIGHT	43 23.6 124 12.8	**Q G**	16		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9045	NORTH BEND UPPER RANGE REAR LIGHT 233 yards 163° from front light.		**Iso G 6^{s}**	30		KRB on tower on pile structure.	Visible all around; higher intensity on rangeline.
9050	FERNDALE LOWER RANGE FRONT LIGHT	43 24.1 124 12.8	**Q W**	16		KRB on dolphin.	Visible 15° each side of rangeline.
9055	FERNDALE LOWER RANGE REAR LIGHT 323 yards, 013° from front light.		**Iso W 6^{s}**	33		KRB on dolphin.	Visible 15° each side of rangeline.
9060	– CHANNEL LIGHT 37	43 23 124 13	**Fl G 2.5^{s}**	16	4	SG on dolphin.	
9065	FERNDALE UPPER RANGE FRONT LIGHT	43 22.3 124 12.3	**Q G**	11		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9070	FERNDALE UPPER RANGE REAR LIGHT 602.4 feet, 142.7° from front light.		**Iso G 6^{s}**			KRB on skeleton tower.	Visible 4° each side of rangeline.
9075	MARSHFIELD RANGE FRONT LIGHT	43 22.6 124 12.3	**Q G**	8		KRB on dolphin.	
9080	MARSHFIELD RANGE REAR LIGHT 619.8 feet, 024° from front light.		**Iso G 6^{s}**	11		KRB on dolphin.	
9085	ISTHMUS SLOUGH LIGHT 43	43 21.9 124 12.5	**Fl G 4^{s}**	15	6	SG on dolphin.	
9090	MARSHFIELD CHANNEL RANGE FRONT LIGHT	43 22.5 124 10.8	**Q R**	12		KRB on dolphin.	
9095	MARSHFIELD CHANNEL RANGE REAR LIGHT 480 yards, 090° from front light.		**Iso W 6^{s}**	21		KRB on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
		N/W					
	COOS BAY (Chart 18587)						
	Coos River						
9100	- ENTRANCE LIGHT 1	43 22.6 124 10.9	**Fl G** 4^s	14	3	SG on skeleton tower.	
9105	- Channel Buoy 2					Red nun.	
9110	- Channel Buoy 4					Red nun.	
9115	- Channel Buoy 6					Red nun.	
9120	- CHANNEL LIGHT 8	43 22.1 124 10.6	**Fl R** 4^s	14	5	TR on dolphin.	
9125	- LIGHT 10	43 21.8 124 10.4	**Fl R** 6^s	12	3	TR on dolphin.	
9130	- LIGHT 12	43 21.6 124 09.6	**Fl R** 4^s	20	5	TR on dolphin.	
	South Slough						
9135	- LIGHT 1	43 21.3 124 19	**Fl G** 2.5^s	15	3	SG on pile structure.	Ra ref.
9140	- Buoy 2	43 21.2 124 19.1				Red nun.	
9145	- LIGHT 4	43 21.2 124 19.1	**Fl R** 4^s	15	5	TR on dolphin.	Ra ref.
9150	- Small Boat Warning Sign	43 20.7 124 19.2	**Q Y (2)**			NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9155	- Buoy 6	43 20.9 124 19.1				Red nun.	
9160	- Buoy 5	43 21.1 124 19				Green can.	
9165	- *Lighted Buoy 8*	43 20.8 124 19.1	**Fl R** 2.5^s		3	Red.	
9170	- LIGHT 9		**Fl G** 4^s	16	3	SG on dolphin.	
9175	- Daybeacon 10					TR on pile.	
	North Slough						
9180	- CHANNEL LIGHT 1	43 26 124 14.1	**Fl W** 4^s	15	5	SG on dolphin.	
9185	- Channel Daybeacon 4					TR on pile.	Private aid.
9190	- Channel Daybeacon 8					TR on pile.	Private aid.
	Haynes Inlet						
9195	- Channel Daybeacon 1	43 26.2 124 13.6				SG on pile.	Private aid.
9200	- Channel Daybeacon 4					TR on pile.	Private aid.
9205	- Channel Daybeacon 5					SG on pile.	Private aid.
9210	- Channel Daybeacon 7					SG on pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

OREGON – Thirteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
	COOS BAY (Chart 18587)						
	Haynes Inlet						
9215	– Channel Daybeacon 8					TR on pile.	Private aid.
	UMPQUA RIVER (Chart 18584)						
	Umpqua River						
9220	– *Approach Lighted Whistle Buoy U*	*43 39.9* *124 14.3*	**Mo (A) W**		6	Red and white stripes.	
9225	– Entrance Bell Buoy 1	43 40 124 13.7				Black.	Maintained from May 1 to Sept. 15.
9230	– *Entrance Lighted Gong Buoy 2*	43 39.9 124 13.3	**Fl R** 4^s		4	Red.	Replaced by nun from Sept. 15 to May 1.
9235	– BAR RANGE FRONT LIGHT	43 40 124 12	**Oc R** 4^s	24		KRB on skeleton tower.	Visible 4° each side of rangeline.
9240	– BAR RANGE REAR LIGHT 876 feet, 086° from front light.		**Oc R** 4^s	48		KRB on skeleton tower.	Visible 4° each side of rangeline. Range lights are synchonized.
9245	– SOUTH JETTY LIGHT 2A	43 40 124 13.1	**Fl R** 2.5^s	15	3	TR on skeleton tower.	HORN: 1 blast ev 15^s (2^s bl). Maintained from May 1 to Sept. 30. Ra ref.
9250	– Small Boat Warning Sign	43 40.9 124 11	**Q Y (2)**	19		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions but with no guarantee that bar is safe.
9255	– LIGHT 6	43 40.2 124 11.9	**Fl R** 4^s	24	4	TR on skeleton tower.	BELL: 1 stroke ev 20^s. Higher intensity beam up and down channel. Ra ref.
9260	**Umpqua River Light**	43 39.8 124 11.9	**Al W (2) R** 15^s 0.1^s W fl 4.9^s ec 0.1^s W fl 4.9^s ec 0.1^s R fl 4.9^s ec	165	W 21 R 20	White conical tower. 65	Emergency light Iso W 6^s. RBN: 324 kHz U (••–). Antenna 25 feet 270° from light.
9265	– CHANNEL RANGE FRONT LIGHT	43 41.4 124 11.1	**Q W**	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9270	– CHANNEL RANGE REAR LIGHT 400 yards, 026°36′ from front light.		**Iso W** 6^s	28		KRB on skeleton tower.	Visible 4° each side of rangeline.
9275	– *Lighted Buoy 6A*		**Fl R** 6^s		4	Red.	
9280	– LIGHT 8	43 41 124 11.1	**Fl R** 2.5^s	22	3	TR on pile structure.	
9285	Winchester Bay Harbor Entrance Daybeacon 1	43 41.1 124 11				SG on pile.	
9290	SALMON HARBOR ENTRANCE LIGHT 1	43 41.2 124 10.8	**Fl G** 4^s	15	3	SG on pile structure.	
9295	SALMON HARBOR ENTRANCE LIGHT 2	43 41.1 124 10.8	**Fl R** 4^s	15	3	TR on pile structure.	HORN: 1 blast ev 10^s (1^s bl). Operates continuously. Sounded from May 1 to Oct. 31.
9300	– LIGHT 12		**Fl R** 4^s	22	4	TR on house.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	UMPQUA RIVER (Chart 18584)	N/W					
	Umpqua River						
9305	BARRETTS RANGE FRONT LIGHT	43 43.9 124 09.9	**Q W**	18		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9310	BARRETTS RANGE REAR LIGHT 270 yards 330°30′ from front light.		**Iso W** 6^s	28		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
9315	– LIGHT 15	43 43.4 124 09.7	**Fl G** 4^s	15	5	SG on pile.	
9320	– DIKE LIGHT 17		**Fl G** 4^s	14	5	SG on dolphin.	
9325	– Channel Buoy 20					Red nun.	
9330	– LIGHT 19		**Fl G** 4^s	15	5	SG on platform.	
9335	– LIGHT 21	43 44.9 124 07.8	**Fl G** 2.5^s	16	4	SG on pile structure.	Visible all around; higher intensity beam oriented up channel.
9340	– Channel Buoy 22					Red nun.	
9345	– DIKE LIGHT 23	43 44.5 124 07.7	**Fl G** 4^s	17	5	SG on dolphin.	
9350	– DIKE LIGHT 24		**Fl R** 2.5^s	16	3	TR on dolphin.	
9355	– Channel Buoy 25					Black can.	
9360	– LIGHT 26		**Fl R** 4^s	15	3	TR on dolphin.	
9365	– Channel Daybeacon 28	43 43.1 124 07.1				TR on pile.	
9370	Scholfield Creek Channel Daybeacon 2	43 42.6 124 06.3				TR on pile.	Ra ref.
9375	Scholfield Creek Channel Daybeacon 3					SG on pile.	
	Gardiner Channel						
9380	GARDINER PAPER MILL DOCK LIGHT	43 44.5 124 07.2	**F Y**	13		Dock.	Private aid.
9385	– Daybeacon 2					TR on pile.	
9390	– Daybeacon 4					TR on pile.	
	Main Channel						
9395	SMITH RIVER LIGHT 2	43 42.4 124 05.1	**Fl R** 4^s	13	5	TR on platform.	
9400	– LIGHT 34	43 41.9 124 04.4	**Fl W** 4^s	33	5	TR.	
9405	– LIGHT 36		**Fl R** 4^s	18	4	TR on dolphin.	
9410	– LIGHT 39		**Fl G** 4^s	15	5	SG.	
9415	– LIGHT 40		**Fl W** 4^s	13	4	TR on dolphin.	
9420	– LIGHT 44		**Fl R** 4^s	16	5	TR on skeleton tower.	
9425	– LIGHT 47		**Fl W** 4^s	22	5	SG.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
		N/W					
	UMPQUA RIVER (Chart 18584)						
	Main Channel						
9430	- Daybeacon 51					SG.	
	SIUSLAW RIVER (Chart 18583)						
	Siuslaw River						
9435	- *Approach Lighted Whistle Buoy 5*	44 01.2 124 09.4	**Mo (A) W**		6	Black and white stripes.	
9440	- ENTRANCE RANGE FRONT LIGHT	44 01.1 124 07.7	**F R**			KRB on skeleton tower.	Visible 4° each side of rangeline.
9445	- ENTRANCE RANGE REAR LIGHT 370 yards 094° from front light.		**F R**	65		KRB on skeleton tower.	Visible 4° each side of rangeline.
9450	- *North Jetty Lighted Gong Buoy 5*		**Fl W 4s**		6	Black.	Maintained from May 1 to Oct. 15.
9455	- Small Boat Warning Sign		**Q Y (2)**	37		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9460	- Channel Buoy 10					Red nun.	
9465	- LIGHT 11		**Fl G 4s**	15	3	SG	
9470	- INNER RANGE FRONT LIGHT	44 01 124 07.8	**Q W**	20		KRB on dolphin.	Visible all around; higher intensity on rangeline.
9475	- INNER RANGE REAR LIGHT 200 yards, 001° from front light.		**Iso W 6s**	35		KRB on skeleton tower.	Visible 4° each side of rangeline.
9480	- Channel Buoy 12	44 00.9 124 07.9				Red nun.	
9485	- Channel Buoy 13					Black can.	Maintained from May 1 to Sept. 1.
9490	- LIGHT 18		**Fl R 4s**	15	3	TR on dolphin.	
9495	- Channel Daybeacon 19					SG on pile.	Ra ref.
9500	- Channel Daybeacon 21					SG on pile.	Ra ref.
9505	- Channel Daybeacon 24					TR on pile.	
9510	- RANGE A FRONT LIGHT	44 00.1 124 07.3	**Q W**	25		KRB on pile structure.	Visible all around; higher intensity on rangeline.
9515	- RANGE A REAR LIGHT 101 yards, 349°23′ from front light.		**Iso W 6s**	34		KRB on skeleton tower.	Visible 4° each side of rangeline.
9520	- Channel Daybeacon 32					TR on pile.	
9525	- RANGE B FRONT LIGHT	43 53.8 124 07.6	**Q W**	34		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
9530	- RANGE B REAR LIGHT 167 yards, 212°22′ from front light.		**Iso W 6s**	54		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

OREGON - Thirteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
	SIUSLAW RIVER (Chart 18583)						
	Siuslaw River						
9535	- Dike Daybeacon 36					TR on pile.	
9540	- Dike Daybeacon 40					TR on pile.	
9545	- Dike Daybeacon 42	43 58.4 124 07.4				TR on pile.	
9550	- Channel Daybeacon 45					SG on pile.	
9555	- Channel Daybeacon 47					SG on dolphin.	Ra ref.
9560	- Channel Daybeacon 52					TR on pile.	Ra ref.
9565	- Channel Daybeacon 54					TR on dolphin.	Ra ref.
9570	- Channel Daybeacon 55					SG on pile.	
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)						
	Yaquina Bay						
9575	- *Approach Lighted Whistle Buoy Y*	44 35.9 124 06.7	**Mo (A) W**		6	Black and white stripes.	
9580	- ENTRANCE RANGE FRONT LIGHT	44 37.1 124 03.6	**Q R**	20		KRB on dolphin.	Visible 2° each side of rangeline. HORN: 1 blast ev 30^{s} (3^{s} bl). Operates continuously. Lighted throughout 24 hours.
9585	- ENTRANCE RANGE REAR LIGHT 525 yards, 060° from front light.		**F R**	50		KRB on skeleton tower on pile structure.	Visible 2°each side of rangeline. Lighted throughout 24 hours.
9590	- *Entrance Lighted Gong Buoy 1*		**Fl W** 4^{s}		6	Green.	
9595	- *Entrance Lighted Buoy 2*		**Fl R** 4^{s}		4	Red.	Maintained from May 1 to Oct. 15.
9600	- *Entrance Lighted Gong Buoy 3*		**Fl G** 4^{s}		4	Green.	Maintained from May 1 to Oct. 15.
9605	- SOUTH JETTY LIGHT 4	44 36.5 124 04.7	**Fl R** 2.5^{s}		5	TR on pedestal.	HORN: 1 blast ev 15^{s} (2^{s} bl). Operates continuously. Light and fog signal maintained from June 1 to Oct. 1.
9610	- *Channel Lighted Buoy 7*		**Fl G** 4^{s}		5	Black.	
9615	- CHANNEL LIGHT 8		**Fl R** 4^{s}	20	4	TR.	On same structure as Entrance Range Front Light.
9620	- INNER RANGE FRONT LIGHT	44 37.7 124 02.9	**Q R**	17		KRB on pile structure.	Visible 4° each side of rangeline.
9625	- INNER RANGE REAR LIGHT 133 yards, 010°48′ from front light.		**Iso R** 6^{s}	28		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON - Thirteenth District				
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)	N/W					
	Yaquina Bay						
9630	- Entrance Small Boat Warning Sign	44 37.5 124 03.3	Q Y (2)	25		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height; lights extinguished for lesser sea conditions, but with no guarantee that bar is safe.
9635	SOUTHBEACH MARINA LIGHT 2	44 37.4 124 03.2	Fl R 4^{s}	14	4	TR on pipe.	
9640	Southbeach Marina Daybeacon 3					SG on pipe.	
9645	- *Channel Lighted Buoy 9*		Fl G 4^{s}		5	Black.	
9650	- LIGHT 10		Fl R 6^{s}	15	5	TR on dolphin.	
9655	- Channel Buoy 11					Black can.	
9660	BOAT BASIN WEST LIGHT	44 37.8 124 03	Fl W 4^{s}	15	4	TR on piles.	
9665	BOAT BASIN EAST LIGHT		Fl R 4^{s}	15	3	TR on pile.	
9670	- LIGHT 12		Fl R 2.5^{s}		4	TR on dolphin.	
9675	- LIGHT 14	44 36.9 124 01.2	Fl R 4^{s}	29	3	TR on dolphin.	
	Yaquina River						
9680	- LIGHT 17	44 36.4 124 00.5	Fl G 4^{s}	15	4	SG on piles.	
9685	- LIGHT 19		Fl G 4^{s}	15	4	SG on house.	
9690	- LIGHT 20		Fl R 4^{s}	15	4	TR on dolphin.	
9695	- Daybeacon 21					SG on pile.	Ra ref.
9700	- BEND MOORAGE LIGHT	44 35.3 124 01.1	Fl W 10^{s}	6		On pile.	Private aid.
9705	- LIGHT 22	44 35.1 124 01.4	Fl R 4^{s}	15	3	TR	
9710	- LIGHT 25		Fl G 4^{s}	15	3	SG on dolphin.	
9715	- Buoy 26					Red nun.	
9720	- Daybeacon 28					TR on pile.	Ra ref.
9725	- LIGHT 30		Fl R 4^{s}	15	5	TR on skeleton tower.	
9730	- Buoy 30A					Red nun.	
9735	- Daybeacon 31					SG on pile.	Ra ref.
9740	- LIGHT 32		Fl R 4^{s}	15	5	TR on dolphin.	
9745	- LIGHT 37		Fl G 4^{s}	15	4	SG on house.	
9750	- LIGHT 38		Fl R 2.5^{s}	22	3	TR on pile.	
9755	- LIGHT 42		Fl R 4^{s}	15	3	TR on white square house.	
9760	- Daybeacon 43					SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON – Thirteenth District				
	APPROACHES TO YAQUINA AND DEPOE BAY (Chart 18561)	N/W					
	Yaquina River						
9765	– LIGHT 44		**Fl R** 4^s		4	TR on pile structure.	
9770	– Channel Buoy 45					Black can.	
9775	– LIGHT 47		**Fl G** 4^s	23	3	SG on dolphin.	
	Depoe Bay						
9780	– *Approach Lighted Whistle Buoy DB*	44 48.5 124 05.3	**Mo (A) W**		6	Red and white stripes; red spherical topmark.	
9785	– *Entrance Lighted Bell Buoy 2*	44 48.5 124 04.3	**Fl W** 4^s		6	Red.	Replaced by red bell buoy from Sept. 15 to June 1.
9790	– **Fog Signal**					White square house.	HORN: 1 blast ev 30s (3^s bl).
9795	– ENTRANCE RANGE FRONT LIGHT	44 48.7 124 03.8	**Oc R** 4^s	38		KRB on skeleton tower.	Visible 4° each side of rangeline.
9800	– ENTRANCE RANGE REAR LIGHT 35 yards 85°40′ from front light.		**Oc R** 4^s	44		KRB on skeleton tower.	Visible 4° each side of rangeline Range lights are synchronized. Entrance to inner harbor flood-lighted to assist those persons having an intimate knowledge of locality to enter the bay at night. Strangers and those having only a limited knowledge of these waters should not attempt this entrance at night, especially in bad weather.
9805	– Entrance Small Boat Warning Sign	44 48.6 124 03.6	**Q Y (2)**	25		NW worded ROUGH BAR.	Lights flashing when seas exceed four feet in height, lights extinguished for lesser sea conditions, but with no guarantee that bar is safe. Visible from 017° to 263°.
	TILLAMOOK BAY (Chart 18558)						
	Tillamook Bay						
9810	– *Approach Lighted Whistle Buoy T*	45 34.3 123 59.5	**Mo (A) W**		6	Red and white stripes.	
9815	– *Entrance Lighted Gong Buoy 1*	45 34.3 123 58.6	**Fl G** 4^s		6	Green.	Replaced by can from Oct. 15 to May 1.
9820	– NORTH JETTY LIGHT 3		**Fl G** 2.5^s	33	5	SG on skeleton frame.	HORN: 1 blast ev 30^s (3^s bl). Light and fog signal maintained from June 1 to Oct. 1.
9825	– ENTRANCE RANGE FRONT LIGHT	45 34.1 123 55.6	**Q R**	33		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
9830	– ENTRANCE RANGE REAR LIGHT 258 yards 094°30′ from front light.		**Iso R** 6^s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
9835	*Garibaldi Channel Lighted Buoy 6*	45 34 123 56.6	**Fl R** 4^s		4	Red.	
9840	GARIBALDI CHANNEL LIGHT 10	45 33.5 123 56	**Fl R** 2.5^s	16	3	TR on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
		N/W					
	TILLAMOOK BAY (Chart 18558)						
	Tillamook Bay						
9845	Garibaldi Channel Buoy 11					Green can.	
9850	GARIBALDI CHANNEL LIGHT 12	45 33.2 123 55.7	**Q R**	15	3	TR on dolphin.	
9855	Garibaldi Channel Daybeacon 14					TR on dolphin.	
9860	Garibaldi Channel Buoy 13					Green can.	
9865	- ENTRANCE SMALL BOAT WARNING SIGN	45 33.3 123 55	**Q Y (2)**			NW worded ROUGH BAR.	Visible from 234° to 333°. Lights flashing when seas exceed four feet; lights extinguished for lesser sea conditions but with no guarantee that bar is safe.
9870	GARIBALDI LIGHT 19	45 33.2 123 54.8	**Fl G** 4s	15	5	SG on pile structure.	
	NEHALEM RIVER (Chart 18556)						
	Nehalem River						
9875	-Approach Whistle Buoy NR	45 39.3 123 57.5				Red and white stripes; red spherical topmark.	
9880	- Entrance Range Front Daybeacon	45 39.6 123 55.8				SW with red stripe on tripod.	Private aid. Due to seasonal changes in entrance channel, use only with local knowledge.
9885	- Entrance Range Rear Daybeacon 120 yards 085° from front daybeacon.					White diamond daymark with red stripe on tree.	Private aid.
	COLUMBIA RIVER						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)						
	Columbia River						
	In the event of flood conditions in the Columbia River, aids to navigation may be temporarily discontinued, lights may be extinguished or destroyed, and buoys may be extinquished or dragged off station. Under such conditions vessel operators should consult local authorities before attempting to navigate in these waters.						
9890	**Cape Disappointment Light**	46 16.6 124 03.1	**Al Fl W R** 30s	220	W 22 R 18	White conical tower with white band at top and bottom, black band in middle. 53	Emergency light Iso W 6s. Light obscured northward of of 137½°. RBN: 304 kHz O (−−−)IV. Antenna at top of tower. Coast Guard station inside point of Fort Canby.
9895	- ENTRANCE RANGE FRONT LIGHT	46 16.6 124 03	**F R**	186		White square daymark with black stripe on skeleton structure.	Visible 5° each side of rangeline Lighted throughout 24 hours.
9900	- ENTRANCE RANGE REAR LIGHT 625 yards 045° from front light.		**F G**	240		White diamond daymark with black stripes on skeleton structure.	Visible 5° each side of rangeline Lighted throughout 24 hours.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	N/W **PACIFIC OCEAN TO HARRINGTON ~~POINT~~ (Chart 18521)**						
	Columbia River						
9905	– *Entrance Lighted Bell Buoy 1*		**Fl W** 4^s		6	Green.	
9910	– *Entrance Lighted Whistle Bucy 2*		**Fl R** 4^s		4	Red.	
9915	*Clatsop Spit Lighted Whistle Buoy 4*		**Fl W** 4^s		5	Red.	
9920	– South Jetty Bell Buoy Buoy 2 SJ	46 14.1 124 05.7				Red.	
9925	*Clatsop Spit Lighted Whistle Buoy 6*		**Fl R** 4^s		3	Red.	
9930	*Peacock Spit Lighted Gong Buoy 7*		**Q G**		4	Green.	
9935	*Clatsop Spit Lighted Bell Buoy 8*		**Q R**		3	Red.	
9940	– *North Jetty Lighted Horn Buoy 9*		**Fl G** 4^s		3	Green.	HORN: 1 blast ev 15s (2s bl).
9945	SAND ISLAND RANGE FRONT LIGHT	46 16 123 59.5	**Q W**	19		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline
9950	SAND ISLAND RANGE REAR LIGHT 1,000 yards, 080° from front light.		**Iso W** 6^s	61		KRW on skeleton tower on pile structure.	Visible 4° each side of rangeline.
9955	*Clatsop Spit Lighted Whistle Buoy 10*		**Fl R** 4^s		3	Red.	
9960	*Peacock Spit Lighted Bell Buoy 11*		**Fl G** 4^s		3	Black.	
9965	*Clatsop Spit Lighted Whistle Buoy 12*		**Fl R** 2.5^s		4	Red.	
9970	*Clatsop Spit Lighted Whistle Buoy 14*	46 14.9 124 02.6	**Q R**		3	Red.	
	Desdemona Sands						
9975	– CHANNEL LEADING LIGHT	46 16 124 02.2	**Fl W** 4^s	31		NB on skeleton tower on pile structure.	Light oriented on bearing 132°. Visible 15° each side of channel.
9980	– *Channel Lighted Bell Buoy 20*	46 14.2 123 59.5	**Fl R** 6^s		4	Red.	
9985	– *Channel Lighted Bell Buoy 21*		**Fl W** 4^s		6	Green.	
9990	– *Channel Lighted Buoy 22*		**Fl R** 4^s		4	Red.	
9995	– LIGHT	46 13.5 123 57.2	**Fl W** 4^s	23	5	NB on pile structure.	
10000	– *Channel Lighted Buoy 25*		**Fl G** 4^s		4	Black.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)	N/W					
	Desdemona Sands						
10005	FORT STEVENS WHARF LIGHT 26	46 12.4 123 57	**Oc R** 4^{s}	30	7	TR on pile structure.	HORN: 1 blast ev 15^{s} (2^{s}bl). Special Direction Finder Calibration Service. See p. xxii.
10010	– *Lighted Gong Buoy 27*		**Fl G** 2.5^{s}		6	Green.	
10015	– *Lighted Gong Buoy 29*		**Q G**		4	Green.	
10020	*Desdemona Lower Sands Lighted Gong Buoy 31*		**Fl G** 6^{s}		6	Green.	
	Tansy Point						
10025	– RANGE FRONT LIGHT	46 11.3 123 55.1	**Q R**	22		KRB on pile structure.	Visible 2° each side of rangeline.
10030	– LEADING LIGHT		**Q R**	17	5	NB on pile. On same structure as L/L NR. 10025.	Visible all around; higher intensity beam on 136°.
10035	– RANGE REAR LIGHT 960 yards 264° from front light.		**Iso R** 6^{s}	53		KRB on skeleton tower.	Visible 2° each side of rangeline.
10040	– *Range Lighted Buoy 33*		**Fl G** 4^{s}		6	Green.	
10045	– Range Buoy 35A					Black can.	
	Astoria						
10050	– PIER 3 EAST LIGHT	46 11.4 123 51.8	**F R**	20			Private aid.
10055	– PIER 2 WEST LIGHT	46 11.3 123 51.7	**F G**	17			Private aid.
10060	– PIER 2 EAST LIGHT	46 11.4 123 51.6	**F R**	17			Private aid.
10065	– PIER 1 WEST LIGHT	46 11.4 123 51.5	**F G**	17			Private aid.
10070	– PIER 1 EAST LIGHT	46 11.4 123 51.3	**F R**	20			Private aid.
10075	– WEST BASIN NORTH LIGHT	46 11.4 123 51.3	**F R**	20			Private aid.
10080	– WEST BASIN SOUTH LIGHT	46 11.4 123 51.2	**F G**	20			Private aid.
10085	**Astoria-Point Ellice Bridge Fog Signal**			169		Bridge pier.	HORN: 1 blast ev 30^{s} (3^{s} bl). Private aid.
10090	Tansy Point Range Buoy 35B					Black can.	
10095	– LIGHT 36		**Q R**	42	6	TR.	
10100	– *Crossing Lighted Buoy 37*		**Fl G** 4^{s}		4	Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)	N/W					
	Astoria						
10105	- LOWER RANGE FRONT LIGHT	46 11.5 123 50.1	**F R**	40		KRB on roof.	Visible 3° each side of rangeline. Lighted throughout 24 hours.
10110	- LOWER RANGE REAR LIGHT 570 yards 241°13′ from front light.		**F R**	175		KRB on pile structure.	Visible 3° each side of rangeline. Lighted throughtout 24 hours.
10115	- *Range Lighted Buoy 39*		**Q G**		4	Green.	
10120	- *Range Lighted Buoy 40*		**Q R**		4	Red.	
10125	- BREAKWATER WEST LIGHT	46 11.7 123 48.3	**F R**	15		Pole.	Private aid.
10130	- BREAKWATER WEST ENTRANCE LIGHT	46 11.7 123 48.3	**F G**	17		On pier.	Private aid.
10135	- BREAKWATER EAST LIGHT		**F R**	15		Pole.	Private aid.
10140	- BREAKWATER EAST ENTRANCE LIGHT	46 11.8 123 47.9	**F R**	17		On pier.	Private aid.
10145	- Rock Buoy	46 11.9 123 47.6				Red and green bands; nun.	
10150	- *Range Lighted Buoy 42*		**Fl R 4^s**		5	Red.	
10155	*Tongue Point Channel Lighted Buoy 43*		**Fl W 4^s**		5	Black.	
10160	*Tongue Point Channel Lighted Buoy 44*		**Fl R 4^s**		4	Red.	
10165	*Tongue Point Channel Lighted Buoy 47*		**Q G**		4	Green.	
	Harrington Point						
10170	- *Range Lighted Buoy 50*		**Fl R 4^s**		4	Red.	
10175	- RANGE FRONT LIGHT	46 15.4 123 40.5	**Q W**	20		KRB on pile structure.	Visible 2° each side of rangeline.
10180	- RANGE REAR LIGHT 1,190 yards 054° from front light.		**Iso W 6^s**	48		KRB on skeleton tower structure.	Visible all around; higher intensity on rangeline.
10185	- CHANNEL LIGHT		**Fl W 4^s**	17	5	NB on pile structure.	
10190	- *Channel Lighted Buoy 54*	46 14.6 123 41.8	**Fl R 4^s**		4	Red.	
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Miller Sands						
10195	- RANGE FRONT LIGHT	46 15.8 123 38.1	**Q G**	15		KRB on pile structure.	Visible 2° each side of rangeline.

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)	N/W					
	Miller Sands						
10200	– RANGE REAR LIGHT 650 yards 070°30′ from front light.		**Iso G** 6^s	50		KRB on skeleton tower.	Visible 2° each side of rangeline.
10205	– *Channel Lighted Buoy 2*	46 15 123 40.8	**Q R**		4	Red.	
10210	– *Channel Lighted Bouy 3*		**Fl G** 2.5^s		4	Black.	
10215	– DIKE LIGHT 5	46 15.4 123 40	**Fl G** 4^s	15	5	SG on dolphin.	Higher intensity beam up and down channel.
10220	– *Channel Lighted Buoy 6*		**Fl R** 4^s		4	Red.	
10225	– *Channel Lighted Buoy 10*		**Q R**		4	Red.	
10230	– DIKE LIGHT 11		**Fl G** 6^s	19	4	SG on dolphin.	
10235	PILLAR ROCK LOWER RANGE FRONT LIGHT	46 15.2 123 32.5	**Q W**	20		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10240	PILLER ROCK LOWER RANGE REAR LIGHT 800 yards 096° from front light.		**Iso W** 6^s	50		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10245	– *Channel Lighted Buoy 12*	46 15.4 123 38.2	**Fl W** 4^s		6	Red.	
10250	*Elliot Point Lighted Buoy 13*		**Fl G** 4^s		6	Green.	
	Pillar Rock						
10255	– *Lower Range Lighted Buoy 14*		**Fl R** 4^s		4	Red.	
10260	– DIKE LIGHT 14A		**Fl W** 4^s	12	5	TR on dolphin.	
10265	– *Channel Lighted Buoy 15*		**Fl G** 4^s		4	Black.	
10270	– LIGHT 17	46 15.5 123 35.2	**Iso G** 6^s	25	7	SG.	
10275	– UPPER RANGE FRONT LIGHT	46 15.6 123 30.8	**Q R**	17		KRB on pile structure.	Visible 4° each side of rangeline.
10280	– UPPER RANGE REAR LIGHT 1,065 yards 083.7° from front light.		**Iso R** 6^s	49		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
10285	– *Upper Range Lighted Buoy 18*	46 15.4 123 33.8	**Fl R** 4^s		4	Red.	
10290	JIM CROW POINT LIGHT 19	46 15.6 123 33.8	**Fl G** 6^s	24	4	SG.	
10295	*Pillar Rock Upper Range Lighted Buoy 19A*	46 15.5 123 33.5	**Fl G** 2.5^s		3	Green.	
10300	JIM CROW DIKE LIGHT 21A		**Q G**	12	4	SG on dolphin.	

COLUMBIA RIVER

N/W

HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10305	*Jim Crow Lighted Buoy 22*	46 15.6 123 32.2	**Fl R** 2.5^{s}		4	Red.	
10310	THREE TREE POINT LIGHT 23	46 16.1 123 31.2	**Fl W** 4^{s}	40	5	SG.	Ra ref.
10315	*Welch Island Channel Lighted Buoy 26*		**Fl R** 4^{s}		4	Red.	
10320	ROCKLAND LIGHT 27	46 16.3 123 30.2	**Fl G** 2.5^{s}	19	5	SG.	
10325	*Welch Island Channel Lighted Buoy 28*		**Fl R** 4^{s}		4	Red.	
10330	BAYVIEW LIGHT	46 16.5 123 29.2	**Fl W** 4^{s}	18	5	NB on pile structure.	
10335	*Welch Island Channel Lighted Buoy 30*		**Fl R** 4^{s}		4	Red.	
10340	SKAMOKAWA LIGHT 31		**Q G**	15	5	SG on dolphin.	
10345	*Welch Island Channel Lighted Buoy 32*	46 15.9 123 27.9	**Q R**		4	Red.	
10350	SKAMOKAWA CREEK LIGHT 33		**Fl W** 4^{s}	15	5	SG on pile.	
10355	SKAMOKAWA RANGE FRONT LIGHT	46 14.1 123 25.4	**Q W**	17		KRB on pile structure.	Visible all around; higher intensity beam on rangeline.
10360	SKAMOKAWA RANGE REAR LIGHT 437 yards 140.8° from front light.		**Iso W** 6^{s}	42		KRB on skeleton tower on pile structure on same structure as Puget Island Range Rear Light.	Visible all around; higher intensity beam on rangeline.
10365	PRICE ISLAND LIGHT 35		**Fl W** 4^{s}	12	6	SG on dolphin.	
10370	*Multnomah Slough Lighted Buoy 36*		**Fl R** 2.5^{s}		4	Red.	
10375	STEAMBOAT SLOUGH LIGHT 37		**Fl G** 4^{s}		5	SG on skeleton tower.	
10380	HUNTING ISLAND LIGHT 39	46 13.7 123 25.3	**Fl G** 2.5^{s}		4	SG on dolphin.	
10385	PUGET ISLAND RANGE FRONT LIGHT	46 13.7 123 25.2	**Q W**	12		KRB on pile structure.	Visible 4° each side of rangeline.
10390	PUGET ISLAND RANGE REAR LIGHT 524 yards 009° from front light.		**Iso W** 6^{s}	42		KRB on skeleton tower on pile structure. On same structure as Skamokawa Range Rear Light.	Visible all around; higher intensity on rangeline.
10395	*Puget Island Range Lighted Buoy 41*		**Fl W** 4^{s}		5	Green.	
10400	CLIFTON DIKE LIGHT 42		**Fl R** 4^{s}	20	4	TR on dolphin.	Higher intensity beam up and down channel. Ra ref.
10405	CLIFTON DIKE LIGHT 44		**Fl R** 4^{s}	20	4	TR on dolphin.	
10410	HUNTS MILL POINT LIGHT 44A	46 11.6 123 25.9	**Fl R** 2.5^{s}	12	4	TR on pipe.	Ra ref.
10415	BUGBY HOLE LIGHT 46		**Q W**	15	6	TR.	

COLUMBIA RIVER

HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10420	PUGET ISLAND LIGHT 47	46 10.9 123 25.5	Q G	15	5	SG on skeleton tower.	
10425	PUGET ISLAND LIGHT 49		Fl G 4^s	17	5	SG on dolphin.	
10430	WAUNA RANGE FRONT LIGHT	46 08.6 123 22.9	Q W			KRB on pile structure.	Visible all around; higher intensity on rangeline.
10435	WAUNA RANGE REAR LIGHT 673 yards, 137°30′ from front light.		Iso W 6^s	56		KRB on skeleton tower.	Visible 4° each side of rangeline.
10440	CROWN ZELLERBACH WATER INTAKE LIGHT	46 09.2 123 23.8	F R	25		On dolphin.	Private aid.
10445	WAUNA LOWER LIGHT	46 09.7 123 24.5	F R	11		Dolphin.	Private aid.
10450	WAUNA CRANE BOOM LIGHT		F R	55		Crane boom.	Private aid.
10455	WAUNA MIDDLE LIGHT		F R	11		Dolphin.	Private aid.
10460	WAUNA DIKE LIGHT 57		Q G	20	4	SG on dolphin.	
10465	DRISCOLL RANGE FRONT LIGHT	46 09.1 123 23.6	Q W Q R	23 23		KRB on dolphin.	Visible 2° each side of rangeline. Passing light visible up and down channel.
10470	DRISCOLL RANGE REAR LIGHT 410 yards 284° from front light.		Iso R 6^s	44		KRB on skeleton tower.	Visible 2° each side of rangeline.
10475	WESTPORT DIKE LIGHT 58		Fl R 4^s	15	4	TR on dolphin.	Higher intensity beam up and down channel. Ra ref.
10480	PANCAKE POINT DIKE LIGHT 59		Fl G 6^s	20	4	SG on dolphin.	
10485	WESTPORT DIKE LIGHT 60		Fl R 6^s	15	4	TR on pile.	Higher intensity beam up and down channel.
10490	WESTPORT RANGE FRONT LIGHT	46 08.5 123 21.2	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10495	WESTPORT RANGE REAR LIGHT 500 yards 269.5° from front light.		Iso W 6^s	58		KRB on skeleton structure.	Visible 4° each side of rangeline.
10500	WESTPORT DIKE LIGHT 62		Fl R 4^s	19	4	TR on dolphin.	Higher intensity beam up and down channel. Ra ref.
10505	WESTPORT DIKE LIGHT 64		Fl R 6^s	15	4	TR on dolphin.	
10510	WESTPORT DIKE LIGHT 66		QR	15	5	TR on dolphin.	
10515	Westport Turn Daybeacon 66A					TR on dolphin.	Ra ref.
10520	CATHLAMET DIKE LIGHT 67	46 08.9 123 17.8	Fl G 4^s	15	5	SG on dolphin.	
10525	*Westport Channel Lighted Buoy 68*		Fl R 2.5^s		5	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
		N/W					
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)						
	Cathlamet Channel						
10530	– Daybeacon 2	46 12.4 123 24.6				TR on pile.	Ra ref.
10535	Elochoman Buoy 1	46 12.3 123 23.4				Green can.	
10540	Elochoman Daybeacon 2	46 12.5 123 23.2				TR on pile.	
10545	– Daybeacon 6					TR on pile.	
10550	– Daybeacon 7					SG on box.	
10555	– LIGHT 8		**Fl W 4^{s}**	15	5	TR on dolphin.	
10560	WATERFORD LIGHT 69	46 09.2 123 15.9	**Fl W 4^{s}**	30	5	SG.	
10565	EUREKA CHANNEL LIGHT 70		**Fl R 4^{s}**	15	5	TR on dolphin.	Ra ref.
10570	COOPER POINT LIGHT 71		**FL W 4^{s}**	23	5	SG.	
10575	*Eureka Channel Lighted Buoy 73*		**Fl G 4^{s}**		4	Green.	
10580	EUREKA DIKE LIGHT 76		**Fl R 4^{s}**	15	4	TR on dolphin.	Higher intensity beam down channel.
10585	EUREKA LIGHT 77		**Q W**	13	4	SG on dolphin.	Higher intensity beam up and down channel. Ra ref.
10590	EUREKA DIKE LIGHT 78		**Fl R 4^{s}**	17	4	TR on dolphin.	Higher intensity beam down channel.
10595	EUREKA DIKE LIGHT 80	46 10.1 123 12.9	**Fl R 6^{s}**	13	4	TR on dolphin.	
10600	EUREKA DIKE LIGHT 79		**Fl W 4^{s}**	15	5	SG on pile.	
10605	Eureka Bar Dike Daybeacon					NR on pile.	
	CRIMS ISLAND TO VANCOUVER (Chart 18524)						
	Wallace Slough						
10610	Wallace Island Daybeacon 1	46 08.9 123 13.8				SG on pile.	
10615	Hotchkiss Dike Daybeacon 2					TR on pile.	
10620	Wallace Slough Daybeacon 3					SG on pile structure.	
10625	BEAVER PIER WEST END LIGHT	46 10.8 123 11.1	**F R**				Maintained by U.S. Army.
10630	BEAVER PIER EAST END LIGHT		**F R**				Maintained by U.S. Army.
10635	OAK POINT LIGHT 81	46 11.1 123 10.8	**Fl W 4^{s}**	14	5	SG.	
10640	ABERNATHY POINT LIGHT 83		**Fl G 2.5^{s}**	20	5	SG.	
10645	*Crims Island Lighted Buoy 84*		**Q R**		3	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	CRIMS ISLAND TO VANCOUVER (Chart 18524)	N/W					
	Wallace Slough						
10650	BUNKER HILL LIGHT 85	46 11.3 123 08.3	**Fl G** 4^{s}	17	5	SG.	Higher intensity beam up channel.
10655	*Crims Island Channel Lighted Buoy 86*		**Q R**		4	Red.	
10660	STELLA RANGE FRONT LIGHT	46 11.3 123 07.4	**F G**			KRB on pile structure.	Visible all around; higher intensity on rangeline.
10665	STELLA RANGE REAR LIGHT 257 yards, 308°30′ from front light.		**F G**	44		KRB on skeleton tower on pile structure.	Visible 15° each side of rangeline.
10670	CLEAVELAND LIGHT 1		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
	Crims Island						
10675	– DIKE LIGHT 2		**Fl R** 4^{s}	12	4	TR on dolphin.	
10680	– Dike Daybeacon 4					TR on pile.	
10685	– DIKE LIGHT 6		**Fl R** 4^{s}	12	4	TR on dolphin.	
10690	PIER LIGHT A		**F W**	11		Pile structure.	Private aid.
10695	PIER LIGHT B		**F W**	11		Pile structure.	Private aid.
10700	PIER LIGHT C		**F W**	11		Pile structure.	Private aid.
10705	PIER LIGHT D		**F W**	11		Pile structure.	Private aid.
10710	Bradbury Slough Daybeacon 1					SG on pile.	
	Main Channel						
10715	CLEAVELAND LIGHT 3		**Fl G** 4^{s}	12	5	SG on dolphin.	
10720	*Fisher Island Channel Lighted Buoy 5*	46 09.8 123 04.3	**Q G**		4	Black.	
10725	FISHER ISLAND LIGHT 7		**Q W**	13	5	SG on dolphin.	
10730	FISHER ISLAND LIGHT 9		**Fl G** 4^{s}	15	5	SG on dolphin.	
10735	*Fisher Island Channel Lighted Buoy 10*	46 09.2 123 03.4	**Fl R** 4^{s}		4	Red.	
10740	FISHER ISLAND SLOUGH LIGHT 4		**Fl R** 4^{s}	15	4	TR on dolphin.	
	Main Channel						
10745	WALKER ISLAND LIGHT 12		**Q R**	15	4	TR on dolphin.	
10750	BARLOW POINT LIGHT 13		**Q G**	15	4	SG on dolphin.	
10755	*Longview Channel Lighted Buoy 17*	46 08.2 123 00.6	**Fl G** 2.5^{s}		4	Black.	
10760	LONGVIEW DOCK LIGHTS	46 08.2 123 00.1	**(4) F R**	7		Dolphins.	Private aids.
10765	*La Du Rock Lighted Buoy 19*		**Fl G** 4^{s}		4	Black.	
10770	LORD ISLAND LIGHT 20		**Fl R** 4^{s}	25	4	TR on dolphin.	Higher intensity beam up and down channel.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	CRIMS ISLAND TO VANCOUVER (Chart 18524)	N/W					
	Main Channel						
10775	MOUNT COFFIN LIGHT 1	46 07.7 122 59.2	**Fl G** 6^{s}	26	4	SG.	
10780	LONGVIEW RANGE FRONT LIGHT	46 07.4 122 58.6	**F R**	64		KWR.	Visible 5° each side of centerline of channel. Private aid.
10785	LONGVIEW RANGE REAR LIGHT 210 yards 115° from front light.		**F R**	124		White diamond daymark with red stripe on pole.	Visible 5° each side of centerline of channel. Private aid.
10790	LONGVIEW LOG POND LIGHT	46 07.2 122 58.7	**F G**	13		On dolphin.	Private aid.
10795	Slaughters Dike Daybeacon 20A					TR on dolphin.	
10800	*Slaughters Channel Lighted Buoy 23*		**Fl G** 4^{s}		4	Black.	
10805	DIBBLEE DIKE LIGHT 22		**Fl R** 4^{s}	15	4	TR on dolphin.	Higher intensity beam up and down channel.
10810	SLAUGHTERS DIKE LIGHT 26		**Fl R** 4^{s}	15	4	TR on dolphin.	Higher intensity beam up and down channel.
10815	**Longview Bridge Fog Signal**	46 06.3 122 57.8				Siren on northeast corner of south pier; bell on southeast corner of north pier.	SIREN: 2 blasts ev 12^{s} (2.5^{s} bl-3.5^{s} si-2.5^{s} bl-3.5^{s} si). BELL: 1 stroke ev 13^{s}. Private aid.
10820	COTTONWOOD ISLAND LOWER RANGE FRONT LIGHT	46 05 122 53.8	**Q W**	15		KRB on pile structure.	Visible 4° each side of rangeline.
10825	COTTONWOOD ISLAND LOWER RANGE REAR LIGHT 327 yards, 115°50′ from front light.		**Iso W** 6^{s}	38		KRB on skeleton tower.	Visible 4° each side of rangeline.
10830	INTERNATIONAL PAPER DOCK LIGHTS		**(2) F R**	15		Dolphin.	Private aid.
10835	COWLITZ RIVER ENTRANCE LIGHT 1	46 05.8 122 55.2	**Fl G** 4^{s}	24	5	SG on dolphin.	
	Cottonwood Island						
10840	- DIKE LIGHT 29A		**Fl G** 4^{s}	17	5	SG on dolphin.	
10845	- DIKE LIGHT 31		**Q G**	15	4	SG on dolphin.	
10850	- DIKE LIGHT 33		**Fl W** 4^{s}	12	5	SG on dolphin.	
10855	- Dike Daybeacon 33A					SG on pile.	
10860	-LIGHT 35		**Fl G** 4^{s}	15	5	SG on pile.	
10865	- *Turn Lighted Buoy 36*		**Q R**		4	Red.	
10870	- DIKE LIGHT 37		**Fl G** 4^{s}	15	5	SG on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER				
	CRIMS ISLAND TO VANCOUVER (Chart 18524)	N/W					
	Cottonwood Island						
10875	– UPPER RANGE FRONT LIGHT	46 04.1 122 52.9	**Q W**	14		KRB on skeleton tower.	Visible 4° each side of rangeline.
10880	– UPPER RANGE REAR LIGHT 337 yards, 356°08′ from front light.		**Iso W** 6^s	31		KRB on skeleton tower.	Visible 4° each side of rangeline.
10885	– LIGHT 39		**Fl G** 4^s	26	5	SG on pile.	
10890	– LIGHT 41		**Q G**	15	5	SG on dolphin.	
	Main Channel						
10895	COFFIN ROCK LIGHT	46 02.1 122 52.8	**Q W**	20	5	NB.	
10900	KALAMA RIVER LIGHT 43		**Fl G** 2.5^s	18	5	SG on dolphin.	
10905	KALAMA LOWER RANGE FRONT LIGHT	46 00.6 122 50.9	**Q R**	28		KRB on skeleton tower.	Visible 2° each side of rangeline.
10910	KALAMA LOWER RANGE REAR LIGHT 774 yards 138° from front light.		**Iso R** 6^s	102		KRB on skeleton tower.	Visible 2° each side of rangeline.
10915	KALAMA UPPER RANGE FRONT LIGHT	45 58.7 122 50.3	**Q W**	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10920	KALAMA UPPER RANGE REAR LIGHT 750 yards 163° from front light.		**Iso W** 6^s	45		KRB on skeleton tower.	Visible 4° each side of rangeline.
10925	KALAMA DIKE LIGHT 47A		**Fl G** 2.5^s	32	5	SG on dolphin.	
10930	AHLE POINT LIGHT 49		**Fl G** 4^s	26	5	SG on dolphin.	
10935	HUNTER BAR LIGHT 1		**Q W**	22	4	SG on dolphin.	
10940	HUNTER DIKE LIGHT 52		**Fl R** 4^s	16	5	TR on dolphin.	Higher intensity beam up channel.
10945	HUNTER DIKE LIGHT 54		**Q R**	32	4	TR on dolphin.	
10950	MARTIN ISLAND LOWER RANGE FRONT LIGHT	45 57.5 122 48.5	**Q W**	17		KRB on dolphin.	Visible all around; higher intensity on rangeline.
10955	MARTIN ISLAND LOWER RANGE REAR LIGHT 175 yards 138° from front light.		**Iso W** 6^s	30		KRB on pile.	Visible 4° each side of rangeline.
10960	*Bybee Ledge Lighted Buoy 59*	45 58.2 122 49.3	**Fl G** 4^s		4	Black.	
10965	*Martin Island Bluff Lighted Buoy 60*	45 56.4 122 48.4	**Q R**		4	Red.	
10970	DEER ISLAND LOWER DIKE LIGHT 62		**Fl R** 6^s	16	4	TR on dolphin.	
10975	MARTIN ISLAND DIKE LIGHT 63		**Fl W** 4^s	15	5	SG on dolphin.	
10980	MARTIN ISLAND MIDDLE DIKE LIGHT 65		**Fl G** 4^s	15	5	SG on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

COLUMBIA RIVER

N/W

CRIMS ISLAND TO VANCOUVER (Chart 18524)

Main Channel

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
10985	MARTIN ISLAND UPPER RANGE FRONT LIGHT	45 56.3 122 48.1	Q W	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
10990	MARTIN ISLAND UPPER RANGE REAR LIGHT 167 yards 011°10′ from front light.		Iso W 6^s	35		KRB on pile structure.	Visible 4° each side of rangeline.
10995	Martin Island Dike Daybeacon 67					SG on dolphin.	
11000	BURKE DIKE LIGHT 69		Fl G 2.5^s	17	5	SG on dolphin.	
11005	DEER ISLAND UPPER DIKE LIGHT 72		Fl R 4^s	15	4	TR on dolphin.	Higher intensity beam up channel
11010	CAPLES DIKE LIGHT 73		Fl G 4^s	15	4	SG on dolphin.	
11015	SHELL CHEMICAL DOCK LIGHTS	45 54.8 122 48.8	(2) F R	42	5	Pole on dock.	Private aid.
11020	*Martin Island Channel Lighted Buoy 75*	45 54.5 122 48.3	Q G		4	Green.	
11025	COLUMBIA CITY LIGHT 76		Q R	31	5	TR on skeleton structure.	Higher intensity beam downstream.
11030	ST. HELENS RANGE FRONT LIGHT	45 51.9 122 46.9	Q W	15		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11035	ST. HELENS RANGE REAR LIGHT 660 yards 151°30′ from front light.		Iso W 6^s	35		KRB on skeleton tower.	Visible 4° each side of rangeline.
11040	ST HELENS JETTY LOWER LIGHT 77		Q G	15	5	SG on dolphin.	
11045	*St. Helens Junction Lighted Buoy*	45 53 122 47.8	IQ W		5	Red and green bands.	
11050	ST. HELENS JETTY LIGHT 79	45 52.2 122 47	Fl G 4^s	22	5	SG on pile structure.	
11055	ST. HELENS DIKE LIGHT 80	45 51.8 122 47.3	Fl R 4^s	15	4	TR on dolphin.	
11060	WARRIOR ROCK LIGHT 2	45 50.9 122 47.2	Fl R 6^s	28	6	TR on white pyramidal structure.	
11065	WARRIOR ROCK RANGE FRONT LIGHT	45 51.3 122 46.7	Q W	25		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11070	WARRIOR ROCK RANGE REAR LIGHT 167 yards 021.5° from front light.		Iso W 6^s	43		KRB on skeleton tower.	Visible 4° each side of rangeline.
11075	*Warrior Rock Reef Lighted Buoy 4*	45 50.4 122 47.3	Q R		4	Red.	
11080	DUCK CLUB LIGHT 4A		Fl R 6^s	17	4	TR on dolphin.	
11085	DUCK CLUB LIGHT 6		Q R	22	5	TR on pile structure.	
11090	*Henrici Channel Lighted Buoy 7*		Q G		4	Green.	

COLUMBIA RIVER

CRIMS ISLAND TO VANCOUVER (Chart 18524)

Main Channel

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11095	DUCK CLUB LIGHT 8	45 49 122 47.8	**Fl R** 2.5^{s}	17	4	TR on dolphin.	
11100	HENRICI RANGE FRONT LIGHT	45 48.7 122 47.8	**Q W**	17		KRB on pile structure.	Visible all around; higher intnesity on rangeline.
11105	HENRICI RANGE REAR LIGHT 285 yards 328° from front light.		**Iso W** 6^{s}	37		KRB on skeleton tower.	Visible 4° each side of rangeline.
11110	HENRICI LANDING LIGHT 10		**Fl R** 4^{s}	17	4	TR on dolphin.	
11115	HENRICI CROSSING LIGHT 12		**Fl R** 2.5^{s}	15	5	TR on dolphin.	
11120	BACHELOR POINT LIGHT 13		**Fl G** 6^{s}	15	5	SG on dolphin.	
11125	BACHELOR DIKE LIGHT 15		**Fl G** 4^{s}	15	5	SG on pile.	
11130	FALES LIGHT 17		**Q G**	22	5	SG on pile structure.	Higher intensity beam down channel.
11135	KNAPP POINT LIGHT 19		**Fl W** 4s	21	7	SG on pile structure.	Higher intensity beam down channel.
11140	WILLOW LOWER RANGE FRONT LIGHT	45 44.5 122 45.4	**Q W**	17		KRB on tower on pile structure.	Visible all around; higher intensity on rangeline.
11145	WILLOW LOWER RANGE REAR LIGHT 280 yards 013°30′ from front light.		**Iso W** 6s	34		KRB on skeleton tower.	Visible 4° each side of rangeline.
11150	WILLOW DIKE LIGHT 23		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
11155	WILLOW UPPER RANGE FRONT LIGHT	45 41 122 46.6	**Q W**	15		KRB on pile structure. On same structure as Morgan Upper Range Front Light.	Visible all around; higher intensity on rangeline and Morgan Upper Rangeline.
11160	WILLOW UPPER RANGE REAR LIGHT 345 yards 193°30′ from front light.		**Iso W** 6^{s}	34		KRB on skeleton tower.	Visible 2° each side of rangeline.
11165	WILLOW DIKE LIGHT 26	45 43.4 122 45.9	**Fl R** 4^{s}	18	4	TR on dolphin.	
11170	REEDER POINT LIGHT 28		**Fl R** 6^{s}	15	4	TR on dolphin.	
11175	HUTCHINSON DIKE LIGHT 30		**Fl R** 4^{s}	15	4	TR on dolphin.	
11180	MORGAN DIKE LIGHT 32		**Fl R** 2.5^{s}	15	5	TR on dolphin.	
11185	HEWLETT DIKE LIGHT 33		**Fl G** 4^{s}	9	5	SG on dolphin.	
11190	MORGAN UPPER RANGE FRONT LIGHT	45 41 122 46.6	**Q W**	15		KRB on pile structure. On same structure as Willow Upper Range Front Light.	Visible all around; higher intensity on rangeline and Willow Upper Rangeline.
11195	MORGAN UPPER RANGE REAR LIGHT 260 yards 341°31′ from front light.		**Iso W** 6^{s}	35		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	N/W **CRIMS ISLAND TO VANCOUVER (Chart 18524)**						
	Main Channel						
11200	MORGAN DIKE LIGHT 36		**Fl R** 4^s	19	4	TR on dolphin.	
11205	Morgan Dike Daybeacon 39					SG on pile.	
11210	MORGAN DIKE LIGHT 40		**Fl R** 4^s	15	4	TR on pile.	
	VANCOUVER TO THE DALLES (Chart 18531)						
	Vancouver to Bonneville						
11215	VANCOUVER LOWER RANGE FRONT LIGHT	45 39.5 122 45.9	**Q R**	17		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11220	VANCOUVER LOWER RANGE REAR LIGHT 390 yards 308° from front light.		**Iso R** 6^s	44		KRB on skeleton tower.	Visible 4° each side of rangeline.
11225	KELLEY POINT JUNCTION LIGHT	45 39.2 122 45.7	**IQ W**	21	6	JR on pile structure.	
11230	*Vancouver Channel Lighted Buoy 47*		**Q G**		4	Black.	
11235	MATHEWS POINT EAST LIGHT		**F G**	34		Pile.	Private aid.
11240	MATHEWS POINT WEST LIGHT		**F G**	34		Pile.	Private aid.
11245	VANCOUVER UPPER RANGE FRONT LIGHT	45 38.4 122 42.7	**Q G**	13		KRB on pile structure.	Visible 4° each side of rangeline.
11250	VANCOUVER UPPER RANGE REAR LIGHT 435 yards 107°30′ from front light.		**Iso G** 6^s	50		KRB on platform on building.	Visible 4° each side of rangeline.
11255	Alternate Barge Channel Buoy 2					Red nun.	
11260	Interstate-5 Bridge Approach Buoy 2					Red nun.	
11265	Interstate-5 Bridge Approach Buoy 4					Red nun.	
11270	VANCOUVER CHANNEL DIKE LIGHT 51		**Fl G** 2.5^s	24	4	SG on dolphin.	
11275	*Ryan Point Junction Lighted Buoy*		**Fl (2+1) R** 6^s		4	Red and green bands.	
11280	- EAST END RANGE FRONT LIGHT	45 36.1 122 38.4	**Q R**	14		KRB on dike.	
11285	- EAST END RANGE REAR LIGHT 70 yards 241° from front light.		**Iso R** 6^s	27		KRB on tripod.	Visible all around; higher intensity on rangeline.
11290	- DIKE LIGHT	45 36.2 122 38	**Fl R** 4^s	15	4	TR on dolphin.	
11295	- Buoy 1					Green can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
		N/W					
	VANCOUVER TO THE DALLES (Chart 18531)						
	Vancouver to Bonneville						
11300	*Vancouver Upper Bar Channel Lighted Buoy 14*	45 36.4 122 37.5	**Fl R** 2.5^{s}		6	Red.	
11305	PORTLAND AIRPORT DIKE LIGHT	45 36.1 122 35.9	**Fl R** 4^{s}	15	6	TR on dolphin.	
11310	Government Island South Channel Daybeacon 1	45 35.9 122 34.7				SG	
11315	Government Island South Channel Daybeacon 2	45 35.8 122 34.7				TR.	
11320	Government Island South Channel Daybeacon 3	45 35.5 122 34.2				SG.	
11325	Government Island South Channel Daybeacon 5	45 35.2 122 33.7				SG.	
11330	Government Island South Channel Daybeacon 7	45 34.9 122 33.1				SG.	
11335	Government Island South Channel Daybeacon 9	45 34.6 122 32.7				SG.	
11340	Government Island South Channel Daybeacon 11	45 34.3 122 32.2				SG.	
11345	Government Island South Channel Daybeacon 13	45 34 122 31.2				SG.	
11350	Government Island South Channel Daybeacon 14	45 34 122 30.4				TR.	
11355	Government Island South Channel Daybeacon 15	45 33.8 122 29.3				SG.	
11360	Government Island South Channel Daybeacon 17	45 33.7 122 28.5				SG.	
11365	Government Island South Channel Daybeacon 19	45 33.6 122 27.7				SG.	
11370	Government Island South Channel Daybeacon 21	45 33.7 122 26.8				SG.	
11375	- Daybeacon 16	45 33.6 122 26.8				TR on pile structure.	
11380	McGuire Rock Buoy 20	45 33.6 122 27.3				Red nun.	
	Main Channel						
11385	*Lieser Point Channel Lighted Buoy 18*		**Fl R** 6^{s}		5	Red.	
11390	Interstate-205 Bridge Approach Buoy 19					Green can.	
11395	Interstate-205 Bridge Approach Buoy 21					Green can.	
11400	LIESER POINT CHANNEL LIGHT 23		**Fl G** 4^{s}	16	4	SG on pile.	

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	VANCOUVER TO THE DALLES (Chart 18531)						
	Main Channel						
11405	GOVERNMENT ISLAND MIDDLE RANGE FRONT LIGHT	45 35.2 122 31.8	**Q R**	14		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11410	GOVERNMENT ISLAND MIDDLE RANGE REAR LIGHT 250 yards 278° from front light.		**Iso R** 6^{s}	29		KRB on pile structure.	Visible 4° each side of rangeline.
11415	GOVERNMENT ISLAND LOWER RANGE FRONT LIGHT	45 34.9 122 29.9	**Q R**	17		KRB on pile structure.	Visible 4° each side of rangeline.
11420	GOVERNMENT ISLAND LOWER RANGE REAR LIGHT 400 yards 114.7° from front light.		**Iso R** 6^{s}	37		KRB on skeleton tower.	Visible 4° each side of rangeline.
11425	Fisher Dock Daybeacon 29					SG on pile.	
11430	FISHER QUARRY CHANNEL RANGE FRONT LIGHT	45 34.6 122 28	**Q G**	15		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11435	FISHER QUARRY CHANNEL RANGE REAR LIGHT 267 yards 110°30′ from front light.		**Iso G** 6^{s}	30		KRB on skeleton tower.	Visible 4° each side of rangeline.
	Camas Slough						
11440	HASSALO ROCK LIGHT 1		**Fl G** 2.5^{s}	15	5	SG on dolphin.	
11445	Hassalo Rock Buoy 2					Red nun.	
11450	CAMAS LIGHT 4		**Fl R** 4^{s}	21	4	TR on concrete pillar.	
11455	– RANGE FRONT LIGHT	45 34.5 122 26.1	**Q W**	15		KRB on dolphin.	Visible all around; higher intensity on rangeline.
11460	– RANGE REAR LIGHT 115 yards 113° from front light.		**Iso W** 6^{s}	30		KRB on skeleton structure.	Visible 15° each side of rangeline.
11465	GOVERNMENT ISLAND RANGE FRONT LIGHT	45 33.9 122 26.8	**Q R**	19		KRB on tower on pile structure.	Visible all around; higher intensity on rangeline.
11470	GOVERNMENT ISLAND RANGE REAR LIGHT 308 yards 126° from front light.		**Iso R** 6^{s}	36		KRB on skeleton tower on pile structure	Visible 4° each side of rangeline.
11475	McGUIRE ISLAND MIDDLE DIKE LIGHT 34		**Fl R** 4^{s}	18	4	TR on dolphin.	
11480	GOVERNMENT ISLAND UPPER RANGE FRONT LIGHT	45 34.2 122 27.7	**Q R**	20		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11485	GOVERNMENT ISLAND UPPER RANGE REAR LIGHT 167 yards 290°30′ from front light.		**Iso R** 6^{s}	32		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	VANCOUVER TO THE DALLES (Chart 18531)	N/W					
	Camas Slough						
11490	LADY ISLAND RANGE FRONT LIGHT	45 33.8 122 26.8	**Q W**	15		KRB on pile structure.	Visible 2° each side of rangeline.
11495	LADY ISLAND RANGE REAR LIGHT 580 yards 255°30′ from front light.		**Iso W** 6^{s}	45		KRB on tower on dolphin.	Visible 2° each side of rangeline.
11500	Ione Reef Buoy 1	45 33.9 122 24.8				Green can.	
11505	LADY ISLAND UPPER LIGHT 43		**Fl G** 4^{s}	13	4	SG.	
	Main Channel						
11510	LADY ISLAND UPPER RANGE FRONT LIGHT	45 34.4 122 23.9	**Q G**	12		KRB on tower.	Visible 4° each side of rangeline.
11515	LADY ISLAND UPPER RANGE REAR LIGHT 265 yards 261°30′ from front light.		**Iso G** 6^{s}	25		KRB on skeleton tower.	Visible 4° each side of rangeline.
11520	Lady Island Shoal Buoy 46					Red nun.	
11525	Washougal Buoy 48					Red nun.	
11530	WASHOUGAL LOWER RANGE FRONT LIGHT	45 31 122 20.5	**Q G**	18		KRB on pile structure.	Visible 4° each side of rangeline.
11535	WASHOUGAL LOWER RANGE REAR LIGHT 433 YARDS 108° from front light.		**Iso G** 6^{s}	37		KRB on skeleton tower.	Visible 4° each side of rangeline.
11540	Ough Reef Buoy 49					Green can.	
11545	WASHOUGAL LIGHT 50	45 34.1 122 21.3	**Fl R** 2.5^{s}	36	4	TR on dolphin.	
11550	WASHOUGAL UPPER RANGE FRONT LIGHT	45 31.1 122 20.3	**Q R**	17		KRB on dolphin. On same structure as L/L NR 11570.	Visible all around; higher intensity on rangeline.
11555	WASHOUGAL UPPER RANGE REAR LIGHT 387 yards 154.3° from front light.		**Iso R** 6^{s}	36		KRB on pile structure.	Visible 4° each side of rangeline.
11560	GARY ISLAND DIKE LIGHT 52		**Fl R** 4^{s}	16	4	TR on dolphin.	
11565	Gary Island Dike Daybeacon 54	45 33.4 122 20.6				TR on pile structure.	
11570	REED ISLAND RANGE FRONT LIGHT	45 33.1 122 20.3	**Q R**	17		KRB on dolphin. On same structure as L/L NR 11550.	Visible all around; higher intensity on rangeline.
11575	REED ISLAND RANGE REAR LIGHT 367 yards 281° from front light.		**Iso R** 6^{s}	35		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
11580	Corbett Dike Daybeacon 60	45 32.5 122 18.8				TR on pile.	
11585	CORBETT LIGHT 62		**Fl R** 6^{s}	20	4	TR on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	VANCOUVER TO THE DALLES (Chart 18531)	N/W					
	Main Channel						
11590	TUNNEL POINT LIGHT 64	45 32.6 122 16.5	**Fl R** 6^s	18	4	TR on skeleton tower.	Higher intensity beam up and down channel.
11595	Point Vancouver Buoy 65					Green can.	
11600	SAND ISLAND LIGHT 66	45 33.1 122 14.1	**Fl R** 4^s	18	5	TR on dolphin.	Higher intensity beam up and down channel.
11605	CAPE HORN LIGHT 67		**Fl G** 4^s	28	5	SG.	
11610	Cape Horn Channel Buoy 68					Red nun.	
11615	CAPE HORN RANGE FRONT LIGHT 68A	45 34.1 122 11.5	**Q R**	16		KRB on piles.	Ra ref.
11620	CAPE HORN RANGE REAR LIGHT 770 yards 062.3° from front light.		**Iso R** 6^s	60		KRB on steel tower.	
11625	CANDIANA LIGHT 69		**Fl G** 4^s	28	3	SG	
11630	FASHION REEF LOWER RANGE FRONT LIGHT	45 35.1 122 07.6	**Q G**	21		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11635	FASHION REEF LOWER RANGE REAR LIGHT 684 yards 077.8° from front light.		**Iso G** 6^s	51		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
11640	CAPE HORN DIKE LIGHT 71		**Fl G** 2.5^s	16	3	SG on dolphin.	
11645	PRINDLE DIKE LIGHT 73		**Fl G** 6^s	15	4	SG on dolphin.	
11650	Fashion Reef Buoy 74					Red nun.	
11655	Fashion Reef Buoy 75	45 35.1 122 08.4				Green can.	
11660	*Fashion Reef Lighted* Buoy 76	*45 34.9* 122 07.9	**Fl R** 2.5^s		4	Red.	
	Multnomah Falls						
11665	– BAR RANGE FRONT LIGHT	45 34.8 122 06.4	**Q W**	16		KRB on pile structure.	Visible 15° each side of rangeline.
11670	– BAR RANGE REAR LIGHT 242 yards 098° from front light.		**Iso W** 6^s	32		KRB on skeleton tower.	Visible 15° each side of rangeline.
11675	– Shoal Buoy 79					Green can.	
11680	– DIKE LIGHT 82		**Fl R** 4^s	18	5	TR on pile.	Higher intensity beam up channel.
11685	– Buoy 83	45 34.9 122 06.4				Green can.	
11690	– Buoy 83A					Green can.	
11695	– LIGHT 84		**Fl R** 2.5^s	14	3	TR on pile.	Ra ref.
11700	– UPPER RANGE FRONT LIGHT	45 36.8 122 02	**Q W**	16		KRB on pile structure. On same structure as Warrendale Lower Range Front Light.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	VANCOUVER TO THE DALLES (Chart 18531)	N/W					
	Multnomah Falls						
11705	- UPPER RANGE REAR LIGHT 1,025 yards 056°58′ from front light.		**Iso W** 6^{s}	45		KRB on skeleton tower.	Visible 2° each side of rangeline.
11710	SKAMANIA LIGHT 85	45 36.4 122 03.3	**Fl G** 4^{s}	19	5	SG on pile structure.	Higher intensity beam up and down channel.
11715	WARRENDALE LOWER RANGE FRONT LIGHT	45 36.8 122 02	**Q W**	16		KRB on pile structure. On same structure as Multnomah Falls Upper Range Front Light.	Visible all around; higher intensity on rangeline.
11720	WARRENDALE LOWER RANGE REAR LIGHT 650 yards 264° from front light.		**Iso W** 6^{s}	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
11725	McGOWANS LIGHT 88		**Fl R** 4^{s}	17	3	TR on pile structure.	
11730	WARRENDALE UPPER RANGE FRONT LIGHT	45 36.9 122 00.5	**Q W**	26		KRB on tower.	Visible all around; higher intensity on rangeline.
11735	WARRENDALE UPPER RANGE REAR LIGHT 255 yards 244°30′ from front light.		**Iso W** 6^{s}	46		KRB on skeleton tower.	Visible 4° each side of rangeline.
11740	Ives Island Buoy 91					Green can.	
11745	MOFFETTS CREEK LIGHT 92		**Fl R** 4^{s}	27	5	TR.	
11750	Tanner Creek Daybeacon 94	45 38 121 57.6				TR on cylindrical house.	
11755	BRADFORD ISLAND TOUR BOAT PIER LIGHT		**F R**				Private aid.
	Bonneville Pool						
11760	- Daybeacon 2	45 38.4 121 56				TR on cylindrical house.	
11765	- LIGHT 3		**Fl G** 4^{s}	21	5	SG on pile structure.	
11770	- LIGHT 4		**Fl R** 4^{s}	25	5	TR.	
11775	- LIGHT 5		**Fl G** 6^{s}	15	5	SG.	
11780	BONNEVILLE DAM MOORING DOLPHIN LIGHT B	45 38.8 121 55.5	**Fl Y** 6^{s}			Dolphin.	Private aid.
11785	BONNEVILLE DAM MOORING DOLPHIN LIGHT C	45 38.9 121 55.4	**Fl Y** 6^{s}			Dolphin.	Private aid.
11790	- LIGHT 7		**Fl G** 4^{s}	19	3	SG on skeleton tower.	
11795	CASCADE RAPIDS LOWER RANGE FRONT LIGHT 8	45 39.6 121 53.9	**Q W**	20	5	KRB on skeleton tower, TR oriented down channel.	Visible all around; higher intensity on rangeline.
11800	CASCADE RAPIDS LOWER RANGE REAR LIGHT 65 yards 176°30′ from front light.		**Iso W** 6^{s}	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
11805	CASCADE RAPIDS UPPER RANGE FRONT LIGHT 15	45 41.3 121 53.1	**Q G**	27		KRB on pile, SG oriented upstream.	Visible all around; higher intensity on rangeline.

COLUMBIA RIVER

VANCOUVER TO THE DALLES (Chart 18531)

Bonneville Pool

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
11810	CASCADE RAPIDS UPPER RANGE REAR LIGHT 433 yards 031.5° from front light.		**Iso G** 6^s	48		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
11815	- LIGHT 12	45 40.2 121 53.8	**Fl R** 4^s	15	4	TR.	
11820	- *Lighted Buoy 14*	*45 40.9* 121 53.2	**Q R**		3	Red.	
11825	STEVENSON LOWER RANGE FRONT LIGHT	45 40.7 121 53.9	**Q W**	23		KRB on concrete base.	Visible 4° each side of rangeline.
11830	STEVENSON LOWER RANGE REAR LIGHT 950 yards 238°45′ from front light.		**Iso W** 6^s	48		KRB on skeleton tower.	Visible 4° each side of rangeline.
11835	- Buoy 16					Red nun.	
11840	WIND MOUNTAIN LOWER RANGE FRONT LIGHT 17	45 42.1 121 50.7	**Q G**	22		KRB on concrete piles, SG oriented up and downstream.	Visible all around; higher intensity on rangeline.
11845	WIND MOUNTAIN LOWER RANGE REAR LIGHT 840 yards 275° from front light.		**Iso G** 6^s	51		KRB on skeleton tower.	Visible 2° each side of rangeline.
11850	- Buoy 18					Red nun.	
11855	- LIGHT 22		**Fl R** 4^s	15	3	TR on concrete pillars.	
11860	- LIGHT 23		**Fl G** 6^s	15	5	SG on dolphin.	
11865	- LIGHT 25		**Fl G** 4^s	31	5	SG.	
11870	WIND MOUNTAIN UPPER RANGE FRONT LIGHT 26	45 41.6 121 42.1	**Q R**	26	7	KRB on pile structure, TR oriented upstream.	Visible all around; higher intensity on rangeline.
11875	WIND MONTAN UPPER RANGE REAR LIGHT 900 yards 095° from front light.		**Iso R** 6^s	63		KRB on pile structure.	Visible all around; higher intensity on rangeline.
11880	COOK POINT RANGE FRONT LIGHT 27	45 42.5 121 39.6	**Q W**	30		KRB on rock face, SG oriented up channel.	Visible all around; higher intensity on rangeline.
11885	COOK POINT RANGE REAR LIGHT 1,050 yards 068° from front light.		**Iso W** 6^s	58		KRB on skeleton tower.	Visible 4° each side of rangeline.
11890	- Daybeacon 28					TR on pile.	
11895	LITTLE WHITE SALMON UPPER RANGE FRONT LIGHT 30	45 42.3 121 36.7	**Q R**	27		KRB on rock face, TR oriented up channel.	Visible all around; higher intensity on rangeline.
11900	LITTLE WHITE SALMON UPPER RANGE REAR LIGHT 470 yards 086°30′ from front light.		**Iso R** 6^s	53		KRB on skeleton tower.	Visible 4° each side of rangeline.
11905	- *Lighted Buoy 32*		**Fl R** 4^s		5	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	VANCOUVER TO THE DALLES (Chart 18531)	N/W					
	Bonneville Pool						
11910	– *Lighted Buoy 34*		**Fl R** 2.5^{s}		5	Red.	
11915	Hood River Range Front Daybeacon	45 43.5 121 29.6				KRB on skeleton tower.	
11920	Hood River Range Rear Daybeacon 280 yards 092° from front daybeacon.					KRB on skeleton tower.	
11925	– LIGHT 35		**Fl G** 4^{s}	18	3	SG.	
	Hood River						
11930	– Bridge Approach Buoy 35A					Green can.	
11935	– Bridge Approach Buoy 37					Green can.	
11940	– Bridge Approach Buoy 38					Red nun.	
11945	– MOORING DOLPHIN WEST LIGHT		**Q W**	14		On dolphin.	Private aid.
11950	– MOORING DOLPHIN EAST LIGHT		**Q W**	14		On dolphin.	Private aid.
11955	– BOAT BASIN LIGHT 1		**Fl G** 6^{s}	28	5	SG on dolphin.	
11960	– BREAKWATER LIGHT	45 42.9 121 30.4	**F R**	13		On pipe.	Private aid.
11965	– MARINA ENTRANCE WEST LIGHT		**Fl R** 4^{s}	13		On pipe.	Private aid.
11970	– MARINA ENTRANCE EAST LIGHT		**Fl W** 4^{s}	13		On pipe.	Private aid.
11975	– WEST LIGHT	45 42.8 121 29.8	**F R**	20			Private aid.
11980	– EAST LIGHT	45 42.8 121 29.8	**F R**	20			Private aid.
	Bonneville Pool						
11985	– *Lighted Buoy 39*		**Fl G** 4^{s}		4	Black.	
11990	BINGEN RANGE FRONT LIGHT 40	45 41.7 121 26.6	**Q R**	27		KRB on skeleton tower, TR oriented up channel.	Visible all around; higher intensity on rangeline.
11995	BINGEN RANGE REAR LIGHT 1,600 yards 123° from front light.		**Iso R** 6^{s}	60		KRB on skeleton tower.	Visible 2° each side of rangeline.
12000	BINGEN BOAT BASIN ENTRANCE LIGHT 3	45 42.2 121 27.2	**Fl G** 6^{s}	27	5	SG on pile.	
12005	Bingen Boat Basin Entrance Daybeacon 4					TR on pile.	
12010	– LIGHT 41	45 41.9 121 25.3	**Fl G** 2.5^{s}	11	3	SG on platform.	Ra ref.
12015	– Daybeacon 42					TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER				
	VANCOUVER TO THE DALLES (Chart 18531)	N/W					
	Bonneville Pool						
12020	- LIGHT 45		**Fl G** 4^s	29	3	SG.	
12025	- Daybeacon 45A	45 41.9 121 23.2				SG on pile.	Ra ref.
12030	- LIGHT 47	45 42.4 121 22.6	**Fl G** 6^s	39	5	SG on pile structure.	
12035	- WATER INTAKE LIGHT		**Q R**	10		On pile.	Private aid.
12040	- LIGHT 48		**Fl R** 4^s	14	5	TR.	
12045	- LIGHT 50		**Fl R** 6^s	26	4	TR on pile.	
12050	- Daybeacon 51					SG on pole.	
12055	MEMALOOSE ISLAND SOUTH LIGHT 1		**Fl G** 2.5^s	18	3	SG.	
12060	Memaloose Island South Daybeacon 2	45 42 121 20.5				TR on pile.	Ra ref.
12065	- LIGHT 53		**Fl G** 4^s	26	4	SG on pile.	
12070	- LIGHT 54	45 41.7 121 18.3	**Fl R** 4^s	21	4	TR.	
12075	- Daybeacon 55					SG on pile.	Ra ref.
12080	- LIGHT 56	45 41.1 121 17.1	**Fl R** 2.5^s	26	4	TR on skeleton tower.	Visible all around; higher intensity beam upstream.
12085	- LIGHT 57		**Fl G** 2.5^s	30	3	SG on skeleton tower.	Ra ref.
12090	- LIGHT 57A		**Fl G** 4^s	35	3	SG on skeleton tower.	
12095	- *Lighted Buoy 58*		**Fl R** 4^s		4	Red.	
12100	- LIGHT 60		**Fl R** 6^s	22	4	TR on concrete piles.	
12105	- LIGHT 62		**Fl R** 2.5^s	40	5	TR.	
12110	- LIGHT 64		**Fl R** 4^s	17	5	TR on concrete crib.	
12115	- Daybeacon 66					TR.	
12120	THE DALLES BOAT BASIN LIGHT 2	45 36.1 121 10.4	**Fl R** 4^s	19	4	TR on dolphin.	
12125	- LIGHT 67		**Fl G** 2.5^s	21	5	SG.	
12130	- Buoy 69	45 36.6 121 08.7				Green can.	
	LAKE CELILO (Chart 18533)						
	The Dalles to John Day Dam						
	Mileage from mouth of Columbia River in statute miles.						
12135	The Dalles Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	Marks restricted area.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	LAKE CELILO (Chart 18533)	N/W					
	The Dalles to John Day Dam						
12140	The Dalles Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	Marks restricted area.
12145	The Dalles Dam Buoy C					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	Marks restricted area.
12150	The Dalles Dam Buoy D					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	Marks restricted area.
	Lake Celilo						
12155	- LIGHT 1		**Fl G** 4^s	21	5	SG.	
12160	- LIGHT 3		**Fl G** 6^s	21	5	SG on concrete pillars.	Higher intensity beam up and down channel.
12165	- LIGHT 4		**Fl R** 4^s	15	5	TR on concrete pillars.	Higher intensity beam up and down channel
12170	- Daybeacon 6					TR on pile.	
12175	- LIGHT 7		**Fl G** 2.5^s	17	3	SG on concrete pillars.	
12180	- Buoy 8					Red nun.	
12185	- LIGHT 9		**Fl G** 4^s	23	3	SG on concrete pillars.	
12190	- LIGHT 10	45 39.4 121 02.2	**Fl R** 4	31	4	TR on tripod.	Ra ref.
12195	- LIGHT 11		**Fl G** 6^s	17	4	SG on skeleton tower.	Ra ref.
12200	- LIGHT 12	45 39.1 121 00.5	**Fl R** 2.5^s	15	3	TR on pile structure.	Ra ref.
12205	- LIGHT 18		**Fl R** 4^s	15	3	TR on concrete pier.	
12210	- Daybeacon 20					TR on concrete pier.	
12215	- BOAT BASIN LIGHT 22	45 39 120 07.8	**Q R**	17	4	TR on concrete pier.	
12220	Hells Gate Range A Front Daybeacon	45 39.3 120 57.8				KRB on skeleton tower.	
12225	Hells Gate Range A Rear Daybeacon 205 yards, 093° from front daybeacon.					KRB on skeleton tower.	
12230	- Daybeacon 27					SG on pile.	
12235	MILLER ISLAND SOUTH CHANNEL RANGE A FRONT LIGHT	45 39.7 120 56.7	**Q G**	44		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
		N/W					
	LAKE CELILO (Chart 18533)						
	Lake Celilo						
12240	MILLER ISLAND SOUTH CHANNEL RANGE A REAR LIGHT 220 yards, 335° from front light.		**Iso G** 6^{s}	60		KRB on skeleton tower.	Visible 4° each side of rangeline.
	Main Channel						
12245	- SOUTH CHANNEL LIGHT 2		**Fl R** 6^{s}	19	4	TR on skeleton tower.	Higher intensity beam up channel.
12250	- SOUTH CHANNEL LIGHT 3	45 38.8 120 55.6	**Fl G** 4^{s}	19	3	SG on tripod.	Ra ref.
	Lake Celilo						
12255	MILLER ISLAND SOUTH CHANNEL RANGE B FRONT LIGHT	45 38.3 120 53.9	**Q W**	42		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
12260	MILLER ISLAND SOUTH CHANNEL RANGE B REAR LIGHT 235 yards, 114° from front light.		**Iso W** 6^{s}	70		KRB on skeleton tower.	Visible 4° each side of rangeline.
12265	- South Channel Daybeacon 4					TR on pile.	
12270	- South Channel Daybeacon 5					SG on pile structure.	Ra ref.
12275	MILLER ISLAND SOUTH CHANNEL RANGE C FRONT LIGHT	45 38.1 120 54.7	**Q W**	40		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
12280	MILLER ISLAND SOUTH CHANNEL RANGE C REAR LIGHT 800 yards, 228° from front light.		**Iso W** 6^{s}	110		KRB on skeleton tower.	Visible 4° each side of rangeline.
12285	Hells Gate Range B Front Daybeacon	45 39.7 120 51.3				KRB on skeleton tower.	
12290	Hells Gate Range B Rear Rear Daybeacon 410 yards, 092°30 from front daybeacon.					KRB on skeleton tower.	
12295	- Buoy 29					Green can.	
12300	- LIGHT 31		**Fl G** 4^{s}	18	4	SG on platform.	Higher intensity beam up channel.
12305	Midco Mooring Buoy A	45 40.2 120 50.8				White and blue bands.	Private aid.
12310	Midco Mooring Buoy B	45 40.2 120 50.8				White and blue bands.	Private aid.
12315	Midco Mooring Buoy C	45 40.2 120 50.9				White and blue bands.	Private aid.
12320	- Buoy 32	45 40.3 120 50.7				Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	LAKE CELILO (Chart 18533)	N/W					
	Lake Celilo						
12325	Maryhill-Biggs Bridge Approach Buoy 33					Green can.	
12330	Maryhill-Biggs Bridge Approach Buoy 34					Red nun.	
12335	Maryhill-Biggs Bridge Approach Buoy 35					Green can.	
12340	Maryhill-Biggs Bridge Approach Buoy 36					Red nun.	
12345	- Daybeacon 40					TR on pile.	
12350	- LIGHT 41		**Fl G** 4^s	23	4	SG.	
12355	- Daybeacon 42					TR on pile.	
12360	- Buoy 45					Black can.	
12365	- Daybeacon JD	45 42.3 120 43.3				NY on concrete pillar.	
12370	- LIGHT 46		**Fl R** 6^s	28	5	TR on dolphin.	Higher intensity beam down channel.
	JOHN DAY DAM TO BLALOCK (Chart 18535)						
12375	JOHN DAY RANGE FRONT LIGHT	45 42.9 120 42.2	**Q G**	20		KRB on platform.	Visible 2° each side of rangeline.
12380	JOHN DAY RANGE REAR LIGHT 275 yards, 060.8° from front light.		**Iso G** 6^s	35		KRB on skeleton tower.	Visible 2° each side of rangeline.
12385	JOHN DAY DAM LOWER BREAKWATER LIGHT 2		**Fl R** 2.5^s	17		Pole.	Private aid. Maintained by Engineers, U.S. Army Walla Walla, WA.
12390	JOHN DAY DAM LOWER GUIDEWALL LIGHT 4		**F R**	27		Pole.	Maintained by Corps of Engineers, U.S. Army Walla Walla, WA.
	Lake Umatilla						
12395	- LIGHT 1	45 43.4 120 41.3	**Fl G** 2.5^s	20	6	SG on pile.	
12400	- *Lighted Buoy 2*	45 43.4 120 41.2	**Fl R** 4^s		4	Red.	
12405	John Day Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12410	John Day Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	JOHN DAY DAM TO BLALOCK (Chart 18535)	N/W					
	Lake Umatilla						
12415	John Day Dam Buoy C					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12420	– Daybeacon 4	45 44.2 120 38.7				TR on skeleton tower.	
12425	– LIGHT 5	45 45.1 120 37.6	**Fl G** 4	27	4	SG on skeleton tower. 15	
12430	– LIGHT 6	45 44.2 120 34.4	**Fl R** 2.5^{s}	61	4	TR on platform.	
12435	– *Lighted Buoy 8*	45 42.6 120 31.3	**Fl R** 4^{s}		4	Red.	
12440	– LIGHT 9	45 42.3 120 30.1	**Fl G** 4^{s}	22	4	SG on skeleton tower.	
12445	– *Lighted Buoy 10*	45 41.8 120 30.2	**Fl R** 6^{s}		4	Red.	
12450	– LIGHT 12	45 41.5 120 27.8	**Fl R** 2.5^{s}	15	4	TR on pile.	
12455	– LIGHT 11	45 42.2 120 27.6	**Fl W** 4^{s}	55	5	SG on skeleton tower. 16	
12460	– LIGHT 13	45 42 120 26.9	**Fl W** 4^{s}	55	5	SG on pile.	
12465	– LIGHT 15	45 42.4 120 23.2	**Fl G** 4^{s}	28	5	SG on skeleton tower. 16	
	SUNDALE TO HEPPNER JUNCTON (Chart 18536)						
	Lake Umatilla						
12470	– LIGHT 17	45 42.8 120 20.3	**Fl G** 4^{s}	69	5	SG on skeleton tower. 14	
12475	– LIGHT 18	45 43 120 17	**Fl R** 4^{s}	35	4	TR on skeleton tower. 12	
12480	– Daybeacon 20	45 43.4 120 12.5				TR on skeleton tower.	
12485	ARLINGTON CARGILL LIGHT		**F R**			Loading tower of grain elevator.	Private aid.
12490	– LIGHT 21	45 44.2 120 12	**Fl G** 4^{s}	15	5	SG on pile.	
12495	– LIGHT 22	45 45.3 120 10.1	**Fl R** 4^{s}	37	4	TR on skeleton tower.	
12500	– Daybeacon 23	45 45.3 120 11.3				SG on skeleton tower.	
12505	– LIGHT 23A	45 46.8 120 08.6	**Fl G** 6^{s}	27	4	SG on skeleton tower.	Ra ref.
12510	– LIGHT 25	45 47.3 120 05.4	**Fl G** 4^{s}	34	6	SG on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	SUNDALE TO HEPPNER JUNCTON (Chart 18536)	N/W					
	Lake Umatilla						
12515	- LIGHT 26	45 47.6 120 01.8	**Fl W** 4^s	25	5	TR on skeleton tower.	
12520	- LIGHT 27	45 49 119 59.7	**Fl G** 2.5^s	29	4	SG on skeleton tower.	
	ALDERDALE TO BLALOCK ISLANDS (Chart 18537)						
	Lake Umatilla						
12525	- LIGHT 28	45 49.1 119 58	**Fl R** 4^s	15	4	TR on pile.	
12530	- LIGHT 29	45 49.8 119 56.2	**Fl G** 4^s	15	4	SG on dolphin.	
12535	- LIGHT 30	45 49.4 119 55.8	**Fl R** 4^s	15	5	TR on dolphin.	
12540	- LIGHT 31	45 50.6 119 51.6	**Fl G** 4^s	15	5	SG on dolphin.	
12545	- LIGHT 32	45 50.2 119 51.2	**Fl R** 6^s	15	5	TR on pile.	
12550	- LIGHT 34	45 50.6 119 49.9	**Fl R** 4^s	15	5	TR on dolphin.	
12555	- LIGHT 35	45 51.1 119 48.5	**Fl G** 4^s	55	4	SG on skeleton tower.	
12560	- LIGHT 36	45 50.8 119 47	**Fl R** 4^s	15	4	TR on dolphin.	
12565	- LIGHT 37	45 51.2 119 45.5	**Fl G** 4^s	15	5	SG on dolphin.	
12570	MESSNER LOWER RANGE FRONT LIGHT	45 51 119 41.6	**Q W**	41		KRB on skeleton tower.	Visible 4° each side of rangeline.
12575	MESSNER LOWER RANGE REAR LIGHT 185 yards, 087.8° from front light.		**Iso W** 6^s	55		KRB on skeleton tower.	Visible 4° each side of rangeline.
12580	-LIGHT 39	45 51.1 119 43	**Fl G** 2.5^s	15	5	SG on dolphin.	Ra ref.
12585	BOARDMAN MARINE PARK ENTRANCE LIGHT 1	45 50.7 119 42.7	**Fl G** 4^s	17	3	SG on platform.	
12590	BOARDMAN MARINE PARK ENTRANCE LIGHT 2	45 50.7 119 42.8	**Fl R** 4^s	17	3	TR on platform.	
12595	MESSNER MIDDLE RANGE FRONT LIGHT	45 51.6 119 39.5	**Q W**	29		KRB on pile structure. 14	Visible all around; higher intensity on rangeline.
12600	MESSNER MIDDLE RANGE REAR LIGHT 185 yards, 075°09′ from front light.		**Iso W** 6^s	47		KRB on skeleton tower. 17	Visible 4° each side of rangeline.
12605	- LIGHT 40	45 51.2 119 41.4	**Fl R** 4^s	15	4	TR on dolphin.	
12610	- LIGHT 41	45 51.5 119 40.4	**Fl G** 4^s	15	4	SG on dolphin.	Higher intensity beam up and down channel. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALDERDALE TO BLALOCK ISLANDS (Chart 18537)	N/W					
	Lake Umatilla						
12615	MESSNER UPPER RANGE FRONT LIGHT	45 51.3 119 39.9	**Q W**	14		KRB on pile structure.	Visible 4° each side of rangeline.
12620	MESSNER UPPER RANGE REAR LIGHT 300 yards, 210°1′ from front light.		**Iso W** 6^{s}	43		KRB on skeleton tower. 37	Visible 4° each side of rangeline.
12625	- LIGHT 43	45 52 119 39.6	**Fl G** 6^{s}	17	4	SG on dolphin.	
12630	- LIGHT 45	45 52.4 119 39.1	**Fl G** 4^{s}	15	5	SG on dolphin.	Higher intensity beam up and down channel.
12635	- Daybeacon 46					TR on pile.	Ra ref.
	BLALOCK ISLAND TO MCNARY DAM (CHART 18539)						
	Lake Umatilla						
12640	- LIGHT 49	45 53.4 119 38.4	**Fl G** 4^{s}	15	5	SG on pile.	
12645	- LIGHT 50	45 53.7 119 37.5	**Fl R** 4^{s}	19	4	TR on pole. 8	
12650	- LIGHT 51	45 54.9 119 36.7	**Q G**	15	4	SG on dolphin.	
12655	- LIGHT 53	45 55.4 119 35.7	**Fl G** 4^{s}	15	4	SG on dolphin.	
12660	- LIGHT 55	45 55.5 119 35.1	**Fl G** 4^{s}	15	5	SG on pile.	
12665	IRRIGON LOWER RANGE FRONT LIGHT	45 54.2 119 30.8	**Q R**	34		KRB on skeleton tower, TR oriented up-stream. 17	Visible all around; higher intensity on rangeline.
12670	IRRIGON LOWER RANGE REAR LIGHT 633 yards, 116°11′ from front light.		**Iso R** 6^{s}	50		KRB on skeleton tower. 35	Visible 4° each side of rangeline.
12675	- LIGHT 56	45 55.1 119 33.7	**Fl R** 4^{s}	65	4	TR on skeleton tower.	
12680	- LIGHT 57	45 54.8 119 32.3	**Fl G** 4^{s}	16	5	SG on dolphin.	
12685	- LIGHT 59	45 54 119 30.4	**Fl G** 2.5^{s}	17	5	SG on dolphin.	
12690	IRRIGON MIDDLE RANGE FRONT LIGHT 67	45 55.3 119 26.5	**Q G**	36		KRB on skeleton tower, SG oriented up-stream. 30	Visible all around; higher intensity on rangeline.
12695	IRRIGON MIDDLE RANGE REAR LIGHT 317 yards, 063°10′ from front light.		**Q G**	59		KRB on skeleton tower. 17	Visible all around; higher intensity on rangeline.
12700	- LIGHT 62	45 54.3 119 28.9	**Fl R** 2.5^{s}	17	4	TR on dolphin.	
12705	- LIGHT 64	45 54.8 119 27.9	**Fl R** 4^{s}	18	4	TR on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	BLALOCK ISLAND TO MCNARY DAM (CHART 18539)	N/W					
	Lake Umatilla						
12710	PUMP STATION INTAKE LIGHT	45 54.9 119 25.8	**Fl R 10^{s}**	15		Marks end of intake pipe.	Private aid.
12715	IRRIGON UPPER RANGE FRONT LIGHT	45 55.2 119 27.4	**Q W**	45		KRB on skeleton tower. 43	Visible 4° each side of rangeline.
12720	IRRIGON UPPER RANGE REAR LIGHT 660 yards, 267°20′ from front light.		**Iso W 6^{s}**	68		KRB on skeleton tower. 13	Visible 4° each side of rangeline.
12725	– Buoy 70					Red nun.	
12730	– LIGHT 72	45 55 119 23.6	**Fl R 4^{s}**	22	4	TR on dolphin.	
12735	– LIGHT 73	45 55.6 119 21.7	**Fl G 4^{s}**	23	6	SG on pile. 13	
12740	UMATILLA MARINA ENTRANCE LIGHT 1	45 55.5 119 19.8	**Fl G 6^{s}**	15	4	SG on pile.	
12745	– Buoy 75					Green can.	
12750	– Buoy 76					Red nun.	
12755	– Buoy 77					Black can.	
12760	– Buoy 78					Red nun.	
12765	McNARY RANGE FRONT LIGHT	45 56.4 119 18.6	**Q G**	36		KRB on skeleton tower. 16	Visible 4° each side of rangeline.
12770	McNARY RANGE REAR LIGHT 433 yards, 057°03′ from front light.		**Iso G 6^{s}**	63		KRB on skeleton tower. 16	Visible 4° each side of rangeline.
	MCNARY DAM TO JUNIPER (Chart 18541)						
	Lake Wallula						
	Mileage from the Dalles-Celilo Canal in statute miles.						
12775	McNary Boat Ramp Buoy 1					Black can.	Private aid.
12780	McNary Boat Ramp Buoy 2					Red nun.	Private aid.
12785	McNary Boat Ramp Buoy 3					Black can.	Private aid.
12790	McNary Boat Ramp Buoy 4					Red nun .	Private aid.
12795	McNary Boat Ramp Buoy 5					Black can.	Private aid.
12800	McNary Boat Ramp Buoy 6					Red nun.	Private aid.
12805	McNary Boat Ramp Buoy 7					Black can.	Private aid.
12810	McNary Boat Ramp Buoy 8					Red nun.	Private aid.
12815	– *Lighted Buoy 2*		**Fl R 4^{s}**		4	Red.	
12820	McNary Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange canter cross worded DAM.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	MCNARY DAM TO JUNIPER (Chart 18541)	N/W					
	Lake Wallula						
12825	McNary Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12830	McNary Dam Buoy C					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12835	McNary Dam Buoy D					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12840	McNary Dam Buoy E					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12845	McNary Dam Buoy F					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12850	McNary Dam Buoy G					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12855	McNary Dam Buoy H					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
12860	McNary Number I Pump Station Daybeacon					Square shaped white daymark with orange border, worded DANGER LOG BOOM.	Private aid.
12865	- LIGHT 1		**Fl G** 4^s	11	5	SG.	
12870	- LIGHT 4		**Fl R** 6^s	17	5	TR.	Higher intensity beam down channel.
12875	- LIGHT 7		**Fl G** 6^s	34	4	SG.	
12880	- Daybeacon 9					SG on pole.	
12885	- Daybeacon 11					SG on pile.	
12890	- LIGHT 13		**Fl G** 4s	29	4	SG.	
12895	- LIGHT 14		**Fl R** 4s	21	4	TR.	
	JUNIPER TO PASCO (Chart 18542)						
	Lake Wallula						
12900	Port Kelley Range A Front Daybeacon					KRB on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			COLUMBIA RIVER				
	JUNIPER TO PASCO (Chart 18542)	N/W					
	Lake Wallula						
12905	Port Kelley Range A Rear Daybeacon 235 yards, 075°30′ from front daybeacon.					KRB on skeleton tower.	
12910	- LIGHT 20		**Fl R** 6^{s}	22	4	TR on white house.	
12915	- Buoy 22					Red nun.	
12920	Boise Cascade Range Front Light	46 06.1 118 55.3	**F R**			On pile.	Private aid.
12925	Boise Cascade Range Rear Light	46 06.2 118 55.2	**F R**			On pile.	Private aid.
12930	Boise Cascade Channel Buoy 1	46 04.2 118 56.1				Green can.	Private aid.
12935	Boise Cascade Channel Buoy 3	46 04.7 118 55.9				Green can.	Private aid.
12940	Boise Cascade Junction Buoy A	46 05.1 118 55.7				Green and red bands; can.	Private aid.
12945	Boise Cascade Channel Buoy 5	46 05.5 118 55.5				Green can.	Private aid.
12950	Boise Cascade Channel Buoy 7	46 05.9 118 55.3				Green can.	Private aid.
12955	Boise Cascade Alternate Channel Buoy 1A	46 05.4 118 56.6				Green can.	Private aid.
12960	Boise Cascade Alternate Channel Buoy 3A	46 05.3 118 56.1				Green can.	Private aid.
12965	- LIGHT 23	46 04 118 56.9	**Fl G** 4^{s}	16	4	SG on platform.	
12970	- Buoy 26					Red nun.	
12975	- Buoy 27					Green can.	
12980	- *West Channel Junction Lighted Buoy W*	46 07.6 118 58.2	**Fl (2+1) G** 6^{s}		4	Green and red bands.	
12985	Hornly Center Channel Buoy 1	46 08 118 58.7				Green can.	
12990	Hornly Center Channel Buoy 2					Red nun.	
12995	- LIGHT 30	46 08 118 57.8	**Fl R** 2.5^{s}	23	4	TR on dolphin.	
13000	- LIGHT 34	46 08.9 118 58.6	**Fl R** 4^{s}	23	4	TR on dolphin.	
13005	- Buoy 36	46 09.2 118 59				Red nun.	
13010	- Junction Daybeacon	46 09.5 118 59.8				JG on pile.	Ra ref.
13015	- LIGHT 38	46 10.1 118 59.9	**Fl R** 6^{s}	40	4	TR on skeleton tower.	Higher intensity beam down channel.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	JUNIPER TO PASCO (Chart 18542)	N/W					
	Lake Wallula						
13020	COLLIERS WHARF NORTH LIGHT	46 10.6 119 01.2	**F R**			On dolphin.	Private aid.
13025	COLLIERS WHARF SOUTH LIGHT		**F R**			On dolphin.	Private aid.
13030	- Daybeacon 42					TR on dolphin.	Ra ref.
13035	- Daybeacon 43					SG on crib.	
13040	SNAKE RIVER JUNCTION LIGHT S		**Fl (2+1) G** 6^s	16	4	JG on skeleton tower.	
13045	- Daybeacon 44					TR on dolphin.	Ra ref.
13050	- Daybeacon 46					TR on dolphin.	Ra ref.
13055	- Daybeacon 49					SG on dolphin.	Ra ref.
13060	- Daybeacon 52					TR on pile.	
13065	- Daybeacon 54					TR on dolphin.	Ra ref.
13070	- Daybeacon 56					TR on dolphin.	Ra ref.
13075	- Daybeacon 59					SG on dolphin.	Ra ref.
13080	- Daybeacon 65					SG on cylindrical house.	
13085	- Daybeacon 68					TR on dolphin.	Ra ref.
13090	- Daybeacon 69					SG on cylindrical house.	
13095	KENNEWICK WATER INTAKE LIGHTS	42 12.9 119 06.2	**(2) F R**	31			Private aids.
13100	RICHLAND WATER INTAKE LIGHT		**(2) F G**	38		White house.	Private aids.
	SNAKE RIVER						
	LAKE SACAJAWEA (Chart 18545)						
	Snake River						
	Mileage from mouth of Snake River in statute miles.						
13105	MILE 1 RANGE FRONT LIGHT		**Q W**	26		KRB on tower.	Visible all around; higher intensity on rangeline.
13110	MILE 1 RANGE REAR LIGHT 393 yards, 345° from front light.		**Iso W** 6^s	43		KRB on tower.	Visible on rangeline only.
13115	- Buoy 3					Black can.	
13120	MILE 4 RANGE FRONT LIGHT	46 13.6 118 59.5	**Q R**	44		KRB on tower.	Visible all around; higher intensity on rangeline.
13125	MILE 4 RANGE REAR LIGHT 92 yards, 067°31′ from front light.		**Iso R** 6^s	52		KRB on platform.	Visible 4° each side of rangeline.
13130	MILE 5 RANGE FRONT LIGHT		**Q G**	97		KRB on tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
	LAKE SACAJAWEA (Chart 18545)	N/W					
	Snake River						
13135	MILE 5 RANGE REAR LIGHT 270 yards, 043° from front light.		**Iso G** 6^s	128		KRB on tower.	Visible 4° each side of rangeline.
13140	– Daybeacon 4					TR on pipe.	Ra ref.
13145	– Buoy 5					Black can.	
13150	– Buoy 6	46 14.3 118 58.1				Red nun.	
13155	– Buoy 7	46 14.3 118 58.1				Green can.	
13160	MILE 6 RANGE FRONT LIGHT		**Q W**	26		KRB on tower.	Visible all around; higher intensity on rangeline.
13165	MILE 6 RANGE REAR LIGHT 679 yards, 064° from front light.		**Iso W** 6^s	45		KRB on tower.	Visible 4° each side of rangeline.
13170	– *Lighted Buoy 8*	46 14.4 118 57.4	**Fl R** 4^s		3	Red.	
13175	– LIGHT 9		**Fl G** 2.5^s	28	4	SG on skeleton tower.	
13180	– Buoy 10					Red nun.	Buoy depth significantly less than channel depth.
13185	– LIGHT 11		**Fl G** 6^s	15	4	SG.	
13190	– Buoy 12					Red nun.	Buoy depth significantly less than channel depth.
13195	– Buoy 14					Red nun.	Buoy depth significantly less than channel depth.
13200	– Buoy 16					Red nun.	Buoy depth significantly less than channel depth.
13205	– LIGHT 17		**Fl G** 4^s	15	3	SG.	
13210	– Buoy 18					Red nun.	Buoy depth significantly less than channel depth.
13215	– LIGHT 19		**Fl G** 2.5^s	15	4	SG.	
13220	– Buoy 20	46 14.9 118 53.7				Red nun.	Buoy depth significantly less than channel depth.
	Lake Sacajawea						
13225	Ice Harbor Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13230	Ice Harbor Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	

SNAKE RIVER

N/W

LAKE SACAJAWEA (Chart 18545)

Lake Sacajawea

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
13235	Ice Harbor Dam Buoy C					White can with orange band near top and waterline orange diamond with orange center cross worded DAM.	
13240	Ice Harbor Dam Buoy D					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13245	Ice Harbor Dam Buoy E					White can with orange band near top and waterline orange diamond with orange center cross worded DAM.	
13250	Ice Harbor Dam Buoy F					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13255	Ice Harbor Dam Daybeacon 1					SG on pipe.	
13260	*Ice Harbor Dam Lighted Buoy 2*		**Fl W** 4^{s}		5	Red.	
13265	- LIGHT 3		**Fl G** 4^{s}	21	4	SG.	
13270	- LIGHT 4		**Fl R** 4^{s}	25	3	TR.	
13275	- LIGHT 5		**Fl G** 4^{s}	19	4	SG.	
13280	- LIGHT 6		**Fl R** 2.5^{s}	41	3	TR.	
13285	- Daybeacon 7					SG on pipe.	
13290	- LIGHT 9		**Fl G** 4^{s}		4	SG on tower.	
13295	- Daybeacon 10					TR on post.	
13300	- LIGHT 11		**Fl W** 4^{s}	25	4	SG.	
13305	- LIGHT 12		**Fl R** 4^{s}	25	4	TR on top of pump house, Fishhook State Park.	
13310	- LIGHT 13	46 20 118 45.6	**Fl G** 4^{s}	22	3	SG.	
13315	- LIGHT 15		**Fl W** 4^{s}	34	4	SG.	
13320	- LIGHT 16	46 21.2 118 44.6	**Fl R** 4^{s}		3	TR on platform.	Ra ref.
13325	- LIGHT 17		**Fl G** 4^{s}	13	4	SG.	
13330	- LIGHT 22		**Fl W** 4^{s}	29	4	TR.	
13335	- LIGHT 23		**Fl G** 2.5^{s}	15	3	SG.	
13340	- LIGHT 25		**Fl G** 4^{s}	13	4	SG.	
13345	- LIGHT 26		**Fl R** 4^{s}	60	4	TR.	
13350	- LIGHT 27		**Fl G** 6^{s}	15	4	SG.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
	LAKE SACAJAWEA (Chart 18545)	N/W					
	Lake Sacajawea						
13355	– Buoy 28					Red nun.	
13360	– Buoy 29	46 24.8 118 38.1				Black can.	
13365	– Daybeacon 31					SG on pile.	
13370	– LIGHT 32	46 24.7 118 37.9	**Fl R** 6^{s}	46	4	TR.	
13375	– LIGHT 33		**Fl G** 4^{s}	15	4	SG.	
13380	– Buoy 34					Red nun.	
13385	– LIGHT 35		**Fl W** 4^{s}	15	4	SG.	
13390	– Buoy 38					Red nun.	
13395	– Buoy 40					Red nun.	
13400	– Buoy 42					Red nun.	
13405	– LIGHT 43		**Fl G** 6^{s}	15	4	SG.	
13410	– Buoy 44					Red nun.	
13415	– LIGHT 45		**Fl G** 4^{s}	15	3	SG.	
13420	– Buoy 46					Red nun.	
13425	– LIGHT 47	46 30 118 37.1	**Fl W** 4^{s}	15	5	SG.	Higher intensity beam up and down channel.
13430	– Buoy 48					Red nun.	
13435	– Buoy 50					Red nun.	
13440	– Buoy 51					Black can.	
13445	WINDUST RANGE FRONT LIGHT	46 32 118 34.9	**Q W**	27		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
13450	WINDUST RANGE REAR LIGHT 322 yards, 040° from front light.		**Iso W** 6^{s}	61		KRB on skeleton tower.	Visible 4° each side of rangeline.
13455	MATTHEWS RANGE A FRONT LIGHT	46 32 118 33.5	**Q W**	50		KRB on skeleton tower.	Visible all around; higher intensity on rageline.
13460	MATTHEWS RANGE A REAR LIGHT 233.3 yards, 077°18′ from front light.		**Iso W** 6^{s}	16		KRB on skeleton tower.	Visible 4° each side of rangeline.
13465	– *Lighted Buoy 55*		**Fl G** 4^{s}		5	Black.	
13470	– LIGHT 56	46 32 118 34	**Fl R** 4^{s}	13	4	TR on platform.	Higher intensity beam up channel.
13475	– Buoy 58					Red nun.	
13480	– LIGHT 60		**Fl R** 4^{s}	30	3	TR.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
	LAKE SACAJAWEA (Chart 18545)	N/W					
	Lower Monumental						
13485	Lower Monumental Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13490	Lower Monumental Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13495	Lower Monumental Dam Buoy C					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13500	Lower Monumental Dam Buoy D					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13505	- *Lighted Buoy 3*	46 34 118 31.7	**Fl G** 4^{s}		4	Black.	
	LAKE HERBERT G. WEST (Chart 18546)						
	Lower Monumental						
13510	- LIGHT 4		**Fl R** 4^{s}	12	3	TR.	
13515	- LIGHT 5	46 34.1 118 29.7	**Fl G** 2.5^{s}	15	3	SG on pile.	Ra ref.
13520	- LIGHT 6		**Fl W** 2.5^{s}	40	4	TR on skeleton tower.	
13525	- LIGHT 7		**Fl G** 4^{s}	17	4	SG.	
13530	- LIGHT 9		**Fl W** 2.5^{s}	16	4	SG.	
13535	- LIGHT 10		**Fl R** 4^{s}	16	3	TR.	
13540	- LIGHT 11		**Fl G** 2.5^{s}	16	5	SG.	Higher intensity beam up channel.
13545	- LIGHT 13		**Fl G** 4^{s}	35	2	SG on skeleton tower.	
13550	- LIGHT 14		**Fl W** 2.5^{s}	17	4	TR.	
13555	- LIGHT 16		**Fl R** 2.5^{s}	12	3	TR.	
13560	- LIGHT 17		**Fl G** 2.5^{s}	24	4	SG on skeleton tower.	
13565	- LIGHT 18		**Fl W** 2.5^{s}	15	4	TR.	
13570	- LIGHT 19		**Fl W** 2.5^{s}	14	3	SG.	
13575	- LIGHT 20		**Fl R** 4^{s}	25	3	TR on skeleton tower.	
13580	- LIGHT 21		**Fl W** 2.5^{s}	18	3	SG.	
13585	- LIGHT 22		**Fl R** 4^{s}	11	2	TR.	
13590	- LIGHT 24		**Fl W** 2.5^{s}	17	4	TR.	
13595	- LIGHT 25		**Fl G** 4^{s}	17	4	SG.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
	LAKE HERBERT G. WEST (Chart 18546)	N/W					
	Lower Monumental						
13600	- LIGHT 27		Fl G 2.5^s	17	3	SG.	
13605	- LIGHT 28		Fl R 4^s	24	4	TR on skeleton tower.	
13610	TURNER BAY ENTRANCE LIGHT 2		Fl R 4^s	8	3	TR on pedestal; marks marina entrance.	
13615	- LIGHT 29		Fl W 2.5^s	23	3	SG.	
13620	- LIGHT 30		Fl R 4^s	54	4	On grain elevator.	
13625	- LIGHT 34		Fl R 2.5^s	26	2	TR.	
13630	- LIGHT 35		Fl W 2.5^s	14	4	SG.	
13635	- LIGHT 37		Fl G 4^s	14	3	SG.	
13640	- LIGHT 38		Fl R 4^s	14	3	TR.	
13645	- LIGHT 39		Fl G 2.5^s	14	4	SG.	
13650	- LIGHT 40		Fl R 4^s	16	3	TR.	
13655	McGUIRE RANGE FRONT LIGHT		Q R	20		KRB on pile structure.	Visible all around; higher intensity on rangeline.
13660	McGUIRE RANGE REAR LIGHT 81 yards 254°30′ from front light.		Iso R 6^s	28		KRB on skeleton tower.	Visible 15° each side of rangeline.
13665	- LIGHT 41		Fl G 4^s	26	3	SG on skeleton tower.	
13670	- LIGHT 43		Fl G 4^s	17	3	SG.	
	LAKE BRYAN (Chart 18547)						
	Little Goose Reservoir						
13675	- *Lighted Buoy 1*		Fl G 4^s		5	Black.	
13680	Little Goose Dam Buoy A					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13685	Little Goose Dam Buoy B					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13690	Little Goose Dam Buoy C					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13695	Little Goose Dam Buoy D					White can with orange band near top and waterline, orange diamond with orange center cross worded DAM.	
13700	- LIGHT 2		Fl R 4^s	19	3	TR on pile.	
13705	- LIGHT 3		Fl G 4^s	34	3	SG.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			SNAKE RIVER				
	LAKE BRYAN (Chart 18547)	N/W					
	Little Goose Reservoir						
13710	- LIGHT 4		**Fl R** 4^{s}	21	3	TR.	
13715	- LIGHT 5		**Fl G** 2.5^{s}	15	3	SG on pile.	
13720	- LIGHT 6		**Q R**	18	3	TR.	
13725	- LIGHT 7		**Fl G** 4^{s}	13	3	SG.	
13730	- LIGHT 8		**Fl R** 4^{s}	26	3	TR on skeleton tower.	
13735	- LIGHT 9		**Q G**	15	3	SG.	
13740	- LIGHT 10		**Fl R** 6^{s}	27	4	TR on skeleton tower.	
13745	- LIGHT 11		**Fl G** 4^{s}	8	3	SG.	
13750	- LIGHT 12		**Fl R** 2.5^{s}	58	3	TR.	
13755	- Buoy 13					Green can.	
13760	- LIGHT 15		**Fl G** 4^{s}	16	3	SG on dolphin.	
13765	- LIGHT 14		**Fl R** 4^{s}	13	4	TR.	
13770	- LIGHT 16		**Fl R** 4^{s}	16	3	TR on dolphin.	
13775	- LIGHT 17		**Fl G** 6^{s}	13	4	SG.	
13780	- LIGHT 18		**Fl R** 4^{s}	27	3	TR on skeleton tower.	
13785	- LIGHT 19		**Fl G** 2.5^{s}	27	4	SG on dolphin.	
13790	- LIGHT 20		**Fl W** 4^{s}	30	3	TR on skeleton tower.	
13795	- LIGHT 21		**Fl G** 2.5^{s}	14	3	SG.	
13800	- LIGHT 22		**Fl R** 4^{s}	27	3	TR on pole.	
13805	- LIGHT 23		**Fl G** 4^{s}	15	3	SG.	
13810	- LIGHT 24		**Fl R** 4^{s}	27	3	TR on pole.	
13815	- LIGHT 25		**Fl G** 4^{s}	27	3	SG on skeleton tower.	
13820	- LIGHT 26		**Fl R** 2.5^{s}	27	3	TR on skeleton tower.	
13825	- LIGHT 27		**Fl G** 4^{s}	26	3	SG on skeleton tower.	
13830	- LIGHT 28		**Fl R** 4^{s}	27	3	TR on skeleton tower.	
13835	- LIGHT 29		**Fl G** 4^{s}	21	5	SG on pole.	
13840	- LIGHT 30	46 40.5 117 31.4	**Q R**	18	4	TR.	
13845	ALMOTA RANGE FRONT LIGHT	46 41.6 117 29.4	**Q R**	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
13850	ALMOTA RANGE REAR LIGHT 513.9 yards, 053.2 from front light.		**Iso R** 6^{s}	40		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
13855	- Buoy 31					Green can.	
13860	- Buoy 32					Red nun.	
13865	- Buoy 33					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
		N/W					
	LAKE BRYAN (Chart 18547)						
	Little Goose Reservoir						
13870	- Buoy 35					Black can.	
13875	- LIGHT 37		**Fl G** 6^s	15	3	SG.	
13880	- LIGHT 39	46 42.1 117 28.6	**Fl G** 2.5^s	18	3	SG.	
13885	- Buoy 41					Black can.	
13890	- Buoy 42					Red nun.	
13895	- LIGHT 43	46 42 117 27.6	**Fl G** 4s	15	3	SG.	
13900	- Buoy 44					Red nun.	
13905	- Buoy 46					Red nun.	
13910	BOYER LOWER RANGE FRONT LIGHT		**Q W**	20		KRB on pile structure.	Visible 4° each side of rangeline.
13915	BOYER LOWER RANGE REAR LIGHT 64 yards, 346°27′ from front light.		**Iso W** 6^s	28		KRB on skeleton tower.	Visible 4° each side of rangeline.
	LOWER GRANITE LAKE (Chart 18548)						
	Lower Granite Reservoir						
13920	Lower Granite Dam Buoy A					White with orange band near top and waterline with orange center cross worded DAM.	
13925	Lower Granite Dam Buoy B					White with orange band near top and waterline with orange center cross worded DAM.	
13930	Lower Granite Dam Buoy C	46 39.4 117 25.2				White.	
13935	Lower Granite Dam Buoy D					White with orange band near top and waterline with orange center cross worded DAM.	
13940	- LIGHT 4		**Fl R** 2.5^s	33	3	TR on skeleton tower.	
13945	- LIGHT 5		**Fl G** 2.5^s	19	3	SG on skeleton tower.	
13950	- LIGHT 6		**Fl R** 6^s	19	3	TR on platform.	
13955	- LIGHT 8		**Fl R** 4^s	38	3	TR on platform.	
13960	- LIGHT 10		**Fl R** 2.5^s	23	3	TR on platform.	
13965	- LIGHT 11		**Fl G** 4^s	13	4	SG on platform.	
13970	- LIGHT 12		**Fl R** 4^s	21	4	TR on skeleton tower.	
13975	- LIGHT 14		**Fl R** 6^s	26	3	TR on skeleton tower.	
13980	- LIGHT 16		**Fl R** 4^s	38	3	TR on skeleton tower.	
13985	STEPTOE LOWER RANGE FRONT LIGHT		**Q G**	10		KGB on platform.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SNAKE RIVER						
	LOWER GRANITE LAKE (Chart 18548)	N/W					
	Lower Granite Reservoir						
13990	STEPTOE LOWER RANGE REAR LIGHT 167 yards 125° from front light.		**Iso G** 6^{s}	22		KGB on platform.	Visible 4° each side of rangeline.
13995	STEPTOE UPPER RANGE FRONT LIGHT		**Q W**	9		KGB on platform.	Visible all around, higher intensity on rangeline.
14000	STEPTOE UPPER RANGE REAR LIGHT 317 yards, 013° from front light.		**Iso W** 6^{s}	21		KGB on platform.	Visible 4° each side of rangeline.
14005	- LIGHT 18		**Fl R** 4^{s}	16	4	TR on skeleton tower.	
14010	- LIGHT 19		**Fl G** 2.5^{s}	16	3	SG on skeleton tower.	
14015	- LIGHT 20		**Fl R** 2.5^{s}	36	3	TR on skeleton tower.	
14020	- LIGHT 24		**Fl R** 4^{s}	36	3	TR on skeleton tower.	
14025	- LIGHT 25		**Fl G** 4^{s}	13	3	SG on platform.	
14030	- LIGHT 26		**Fl R** 2.5^{s}	16	3	TR on platform.	
14035	- LIGHT 28		**Fl R** 4^{s}	15	3	TR on platform.	
14040	- LIGHT 29		**Fl G** 4^{s}	21	3	SG on skeleton tower.	
14045	- LIGHT 31		**Fl G** 2.5^{s}	17	3	SG on skeleton tower.	
14050	- Daybeacon 35					SG on skeleton tower.	
14055	Turtle Rock Junction Buoy					Red and black bands; spar.	Private aid.
14060	Turtle Rock East Channel Buoy 1					Black spar.	Private aid.
14065	Turtle Rock Buoy 2					Red spar.	Private aid.
14070	Turtle Rock Buoy 4					Red spar.	Private aid.
14075	Turtle Rock Buoy 6					Red spar.	Private aid.
14080	Swakane Buoy 1					Black spar.	Private aid.
14085	Tenas George Buoy 18					Red spar.	Private aid.
14090	Tenas George Buoy 20					Red spar.	Private aid.
14095	Chelan Falls Buoy 37					Black spar.	Private aid.
	COLUMBIA RIVER						
	FRANKLIN D. ROOSEVELT LAKE (SOUTHERN PART) (Chart 18551)						
	Franklin D. Roosevelt Lake (Above Coulee Dam)						
14100	U.S. Bureau of Reclamation Boat Ramp Buoy 2					Red drum.	Private aid.
14105	U.S. Bureau of Reclamation Boat Ramp Buoy 5					Black drum.	Private aid.
14110	U.S. Bureau of Reclamation Boat Ramp Buoy 6					Red drum.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

COLUMBIA RIVER

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	FRANKLIN D. ROOSEVELT LAKE (SOUTHERN PART) (Chart 18551)	N/W					
	Franklin D. Roosevelt Lake (Above Coulee Dam)						
14115	U.S. Bureau of Reclamation Boat Ramp Buoy 7					Black drum.	Private aid.
14120	U.S. Bureau of Reclamation Boat Ramp Buoy 8					Red drum.	Private aid.
14125	– LIGHT 1	47 56.8 118 56.1	**Fl W 4s**	12	6	SG on box.	Maintained from May 15 to Nov. 1.
14130	– Buoy 2	47 56.9 118 51.9				Red nun.	Maintained from May 15 to Nov. 1.
14135	– LIGHT 3		**Fl W 4s**	14	5	SG on box.	Maintained from May 15 to Nov. 1
14140	– LIGHT 4		**Fl W 4s**	16	5	TR on box.	Maintained from May 15 to Nov. 1.
14145	– Buoy 7					Black can.	Maintained from May 15 to Nov. 1.
14150	– LIGHT 8		**Fl W 4s**	20	5	TR on box.	Maintained from May 15 to Nov. 1.
14155	– Buoy 9					Black can.	Maintained from May 15 to Nov. 1.
14160	– Buoy 10	47 55.7 118 41				Red nun.	Maintained from May 15 to Nov. 1.
14165	– Buoy 12	47 55.8 118 41.9				Red nun.	Maintained from May 15 to Nov. 1.
14170	– LIGHT 13		**Fl W 4s**	16	5	SG on box.	Maintained from May 15 to Nov. 1.
14175	– LIGHT 15		**Fl W 4s**	18	5	SG on box.	Maintained from May 15 to Nov. 1.
14180	– LIGHT 17		**Fl W 4s**	18	5	SG on box.	Maintained from May 15 to Nov. 1.
14185	– Buoy 20					Red nun.	Maintained from May 15 to Nov. 1.
14190	– LIGHT 22		**Fl W 4s**	16	6	TR on box.	Maintained from May 15 to Nov. 1.
14195	– LIGHT 25		**Fl W 4s**	16	5	SG on box.	Maintained from May 15 to Nov. 1.
14200	– LIGHT 26		**Fl W 4s**	12	6	TR on box.	Maintained from May 15 to Nov. 1.
14205	– LIGHT 29		**Fl W 4s**	23	5	SG on box.	Maintained from May 15 to Nov. 1
	Spokane River Arm						
14210	– JUNCTION LIGHT S		**IQ W**	23	5	JR on box.	Maintained from May 15 to Nov. 1.
14215	– LIGHT 2	47 56.3 118 15.3	**Fl W 4s**	44	5	TR on skeleton tower.	Maintainted from May 15 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
		N/W					
	FRANKLIN D. ROOSEVELT LAKE (SOUTHERN PART) (Chart 18551)						
	Spokane River Arm						
14220	- LIGHT 3	47 56.8 118 12.5	**Fl W 4^{s}**	16	5	SG.	Higher intensity beam up and downstream. Maintained from May 15 to Nov. 1.
14225	- LIGHT 4	47 53.3 118 09.8	**Fl W 4^{s}**	15	5	TR on pile.	Higher intensity beam up and downstream. Maintained from May 15 to Nov. 1.
14230	- Buoy 5					Black can.	Maintained from May 15 to Nov. 1.
14235	- Buoy 7					Black can.	Maintained from May 15 to Nov. 1.
14240	- LIGHT 8	47 47.8 118 04.1	**Fl W 4^{s}**		5	TR. 16	Higher intensity beam up and downstream. Maintained from May 15 to Nov. 1.
14245	- Buoy 10					Red nun.	Maintained from May 15 to Nov. 1.
14250	- LIGHT 11		**Fl W 4^{s}**	11	5	SG on skeleton tower.	Maintained from May 15 to Nov. 1.
14255	- Buoy 14					Red nun.	Maintained from May 15 to Nov. 1.
	Franklin D. Roosevelt Lake						
14260	- Buoy 34					Red nun.	Maintained from May 15 to Nov. 1.
14265	- LIGHT 35		**Fl W 4^{s}**	8	5	SG on box.	Maintained from May 15 to Nov. 1.
14270	- Buoy 39					Black can.	Maintained from May 15 to Nov. 1.
14275	- LIGHT 40		**Fl W 4^{s}**	12	5	TR on box.	Maintained from May 15 to Nov. 1.
14280	- LIGHT 43		**Fl W 4^{s}**	16	5	SG on box.	Maintained from May 15 to Nov. 1.
14285	- LIGHT 45	48 02.8 118 22.2	**Fl W 4^{s}**	18	5	SG on box.	Maintained from May 15 to Nov. 1.
14290	- LIGHT 48		**Fl W 4^{s}**	14	5	TR on box.	Maintained from May 15 to Nov. 1.
14295	- LIGHT 50		**Fl W 4^{s}**	16	5	TR on box.	Maintained from May 15 to Nov. 1.
14300	- LIGHT 53		**Fl W 4^{s}**	12	6	SG on box.	Maintained from May 15 to Nov. 1.
	FRANKLIN D. ROOSEVELT LAKE (NORTHERN PART) (Chart 18553)						
	Franklin D. Roosevelt Lake						
14305	- LIGHT 56		**Fl W 4^{s}**	10	6	TR on box.	Maintained from May 15 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	COLUMBIA RIVER						
	FRANKLIN D. ROOSEVELT LAKE (NORTHERN PART) (Chart 18553)	N/W					
	Franklin D. Roosevelt Lake						
14310	- LIGHT 59		**Fl W** 4^{s}	12	5	SG on box.	Maintained from May 15 to Nov. 1.
14315	- LIGHT 62		**Fl W** 4^{s}	15	5	TR on box.	Maintained from May 15 to Nov. 1.
14320	- LIGHT 64		**Fl W** 4^{s}	8	6	TR on crib.	Maintained from May 15 to Nov. 1.
14325	- LIGHT 66		**Fl W** 4^{s}	8	5	TR on box.	Maintained from May 15 to Nov. 1.
14330	- LIGHT 69		**Fl W** 4^{s}	16	6	SG on box.	Maintained from May 15 to Nov. 1.
14335	- LIGHT 73	48 26.8 118 12.7	**Fl W** 4^{s}	15	6	SG on house.	Maintained from May 15 to Nov. 1.
14340	- LIGHT 75		**Fl W** 4^{s}	12	5	SG on box.	Maintained from May 15 to Nov. 1.
14345	- LIGHT 77		**Fl W** 4^{s}	10	5	SG on box.	Maintained from May 15 to Nov. 1.
14350	- LIGHT 80		**Fl W** 4^{s}	10	5	TR on box.	Maintained from May 15 to Nov. 1.
14355	- Buoy 81	48 33.3 118 08.6				Black can.	Maintained from May 15 to Nov. 1.
14360	- LIGHT 83		**Fl W** 4^{s}	30	5	SG on box.	Maintained from May 15 to Nov. 1.
14365	- Buoy 84					Red nun.	Maintained from May 15 to Nov. 1.
14370	- Buoy 86					Red nun.	Maintained from May 15 to Nov. 1.
14375	- Buoy 93					Black can.	Maintained from May 15 to Nov. 1.
14380	- Buoy 94					Red nun.	Maintained from May 15 to Nov. 1.
14385	- Buoy 96					Red nun.	Maintained from May 15 to Nov. 1.
14390	- Buoy 100					Red nun.	Maintained from May 15 to Nov. 1.
14395	CHINA BAR LIGHT 1	48 49.3 117 56	**Fl G** 10^{s}	6		SW.	Private aid. Maintained from June 1 to Nov. 1.
14400	CHINA BAR LIGHT 3		**Fl W** 4^{s}	6		SW.	Private aid. Maintained from June 1 to Nov. 1.
14405	CHINA BAR LIGHT 5		**Fl W** 10^{s}	6		SW.	Private aid. Maintained from June 1 to Nov. 1.
14410	*China Bar Lighted Buoy 7*		**Q G**	6		White.	Private aid. Maintained from June 1 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)	N/W					
	Baker Bay West Channel						
14415	– ENTRANCE JETTY LIGHT 1	46 16.1 124 01.8	Fl G 4^{s}	15	3	SG on pile.	Ra ref.
14420	– ENTRANCE JETTY LIGHT 2	46 16.2 124 01.7	Fl R 2.5^{s}	15	3	TR on pile.	
14425	– Buoy 3	46 16.2 124 01.8				Black can.	
14430	– Daybeacon 6					TR on pile.	Ra ref.
14435	– Daybeacon 7					SG on dolphin.	
14440	– LIGHT 8		Fl W 4^{s}	17	5	TR on dolphin.	
14445	– Daybeacon 9					SG on pile.	
14450	– LIGHT 10		Fl R 4^{s}	15	4	TR on dolphin.	Higher intensity beam up and down channel. Ra ref.
14455	– Daybeacon 11					SG on dolphin.	Ra ref.
14460	– LIGHT 12		Fl W 4^{s}	15	5	TR on dolphin.	
14465	– Daybeacon 14					TR on pile.	Ra ref.
14470	– LIGHT 15		Fl G 2.5^{s}	7	3	SG on post.	Ra ref.
14475	– Daybeacon 16					TR on pile.	Ra ref.
14480	– LIGHT 17		Fl G 4^{s}	15	5	SG on dolphin.	Ra ref.
14485	– Daybeacon 18					TR on pile.	
14490	– LIGHT 20		Fl W 4^{s}	17	5	TR on pile.	Ra ref.
14495	– Daybeacon 21					SG on pile.	
14500	– LIGHT 22	46 17.8 124 02.3	Fl R 2.5^{s}	15	4	TR on dolphin.	Ra ref.
14505	– Buoy 23	46 17.9 124 02.3				Black can.	
14510	ILWACO MOORING BASIN LIGHT 2	46 18 124 02.3	Fl R 4^{s}	15	5	TR on pile structure.	Ra ref.
14515	ILWACO MOORING BASIN LIGHT 3	46 18.1 124 02.4	Fl G 4^{s}		5	SG on pile.	
	Chinook Channel						
14520	– LIGHT 1	46 15.6 123 58.2	Fl G 2.5^{s}	14	3	SG on dolphin.	Ra ref.
14525	– LIGHT 2	46 15.8 123 57.6	Fl R 4^{s}	15	4	TR on dolphin.	Higher intensity beam up and down channel. Ra ref.
14530	– LIGHT 5		Fl G 4^{s}	15	5	SG on pile structure.	Ra ref.
14535	– LIGHT 8	46 16.3 123 57.1	Q R	15	4	TR on dolphin.	Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)	N/W					
	Hammond Boat Basin						
14540	– West Breakwater Daybeacon 2					TR on pipe.	
14545	– EAST BREAKWATER LIGHT 1	46 12.3 123 56.8	**Fl G** 4s	22	3	SG on pipe.	
	Skipanon Waterway						
14550	– WEST LIGHT 4	46 11.1 123 54.4	**Fl R** 4s	15	5	TR on dolphin.	
14555	– EAST LIGHT 3		**Fl G** 4s	14	5	SG on dolphin.	Ra ref.
14560	– RANGE FRONT LIGHT	46 10 123 54.9	**F R**	21		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
14565	– RANGE REAR LIGHT 260 yards, 198°30′ from front light.		**F R**	30		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
	Youngs Bay						
14570	– ENTRANCE LIGHT 2	46 10.9 123 52.7	**Fl R** 6s	16	5	TR on dolphin.	
14575	– Channel Buoy 4					Red nun.	
14580	– CHANNEL LIGHT 6	46 10.1 123 51.4	**Fl R** 4s		5	TR on dolphin.	
	Lewis and Clark River						
14585	– Buoy 6					Red nun.	
14590	– Buoy 8	46 09.9 123 51.4				Red nun.	
14595	– Buoy 9	46 09.8 123 51.3				Green can.	
14600	– Buoy 10	46 09.7 123 51.3				Red nun.	
14605	– Buoy 11					Black can.	
	North Channel						
14610	SAND ISLAND LOWER DIKE LIGHT 1	46 15.7 124 00.4	**Fl G** 4s	15	5	SG on pile structure.	
14615	SAND ISLAND MIDDLE DIKE LIGHT 3		**Fl G** 6s	15	4	SG on pile structure.	
14620	SAND ISLAND UPPER DIKE LIGHT 5		**Fl G** 4s	15	4	SG on pile structure.	
14625	CHINOOK DIKE LIGHT 7	46 15 123 57.1	**Fl W** 4s	15	5	SG on pile structure.	Higher intensity beam up and down channel.
14630	QUARANTINE LIGHT 9	46 16.2 123 49.1	**Fl W** 4s	25	5	SG on pipe.	
14635	North Channel Buoy 10					Red nun.	
14640	North Channel Daybeacon 12					TR on pile structure.	Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
	PACIFIC OCEAN TO HARRINGTON POINT (Chart 18521)	N/W					
	North Channel						
14645	GRAYS POINT LIGHT 13	46 16.4 123 45.9	Fl W 4s	15	5	SG on pile.	
14650	Portuguese Point Junction Buoy	46 16.6 123 43.9				Green and red bands; can.	
14655	GRAYS BAY LIGHT 14	46 16.1 123 43.9	Fl R 4s	15	5	TR on pile structure.	
14660	- Buoy 15					Green can.	
14665	- Buoy 16					Red nun.	
14670	- Buoy 17					Green can.	
14675	- Buoy 19					Green can.	
14680	- Buoy 20					Red nun.	
14685	- Buoy 21					Green can.	
	Grays Bay						
14690	ROCKY POINT LIGHT 7	46 17.3 123 43.6	Fl G 4s	15	3	SG on pile.	
14695	Deep River Channel Buoy 8					Red nun.	
14700	Deep River Channel Buoy 10					Red nun.	
14705	Deep River Channel Buoy 12					Red nun.	
14710	Deep River Channel Daybeacon 14					TR on dolphin.	Ra ref.
14715	Deep River Channel Daybeacon 16					TR on dolphin.	Ra ref.
	Cathlamet Bay South Channel						
14720	- LIGHT 2	46 12.8 123 45.3	Q R	18	6	TR on pile.	
14725	- LIGHT 3	46 12.4 123 45.1	Fl G 2.5s	15	5	SG on dolphin.	
14730	- Buoy 7					Green can.	
14735	- Daybeacon 8					TR on dolphin.	Ra ref.
14740	- Daybeacon 10					TR on pile structure.	Ra ref.
	Cathlamet Bay North Channel						
14745	- LIGHT 3		Fl G 6s	15	4	SG on pile structure.	Higher intensity beam up and down channel. Ra ref.
14750	- Buoy 4					Red nun.	
14755	- LIGHT 5		Fl G 4s	18	4	SG on dolphin.	Ra ref.
14760	GRASSY ISLAND LIGHT 8	46 11.6 123 41.4	Fl R 4s	17	4	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
	HARRINGTON POINT TO CRIMS ISLAND (Chart 18523)	N/W					
	Cathlamet Bay Prairie Channel						
14765	– LIGHT 10	46 10.9 123 40.5	Fl R 2.5s	16	4	TR on dolphin.	Higher intensity beam up and down channel.
14770	– Buoy 12					Red nun.	
14775	SVENSEN ISLAND LIGHT 12A	46 10.9 123 38.6	Fl R 2.5s	15	4	TR on dolphin.	Higher intensity beam up and down channel
14780	– Daybeacon 14					TR on pile structure.	Ra ref.
14785	RUSSIAN ISLAND LIGHT 15	46 11.9 123 38.1	Fl G 4s	15	4	SG on dolphin.	
14790	– Daybeacon 17					SG on pile structure.	Ra ref.
14795	– Buoy 19	46 16.9 123 37.4				Green can.	
14800	MARSH ISLAND LIGHT 21		Fl W 4s	15	5	SG on dolphin.	
14805	– LIGHT 23	46 14.2 123 32.8	Fl W 4s	15	5	SG on dolphin.	
	Woody Island Channel						
14810	– Buoy 2	46 14.4 123 41.4				Red nun.	
14815	– Buoy 4	46 14.1 123 40.9				Red nun.	
14820	– Buoy 5	46 13.5 123 39.5				Green can.	
	CRIMS ISLAND TO VANCOUVER (Chart 18524)						
	Multnomah Channel						
14825	– Daybeacon 2					TR on pile.	
14830	– Daybeacon 3					SG on pile.	
14835	SUAVIE ISLAND JUNCTION LIGHT		Fl (2+1) R 6s	15	4	JR on dolphin.	
14840	– LIGHT 6	45 50.1 122 48.6	Fl R 4s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
14845	– Daybeacon 11	45 37.2 122 48.1				SG on pile.	
14850	KELLEY POINT JUNCTION LIGHT	45 39.2 122 45.7	IQ W	21	6	JR on pile structure.	
	PORT OF PORTLAND (Chart 18526)						
	Willamette River						
14855	– LIGHT 2	45 39.2 122 46	Q R	16	5	TR on dolphin.	
14860	– LIGHT 3		Fl G 4s	15	5	SG on dolphin.	Higher intensity beam up channel.
14865	– LIGHT 4		Fl R 4s	10	4	TR on dolphin.	
14870	– LIGHT 6		Fl R 6s	15	4	TR on dolphin.	Higher intensity beam up channel.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON – Thirteenth District				
	PORT OF PORTLAND (Chart 18526)	N/W					
	Willamette River						
14875	PACIFIC CORPORATION DOCK LIGHTS		**(2) F W**	9		On concrete pier.	Private aid.
14880	– LIGHT 10		**Fl R** 2.5s	10	4	TR on dolphin.	Higher intensity beam up channel.
14885	– Daybeacon 11					SG on pile.	
14890	GILMORE STEEL DOCK LIGHTS		**(2) F R**	23		Dolphin.	Private aids.
14895	POST OFFICE RANGE FRONT LIGHT	45 37.8 122 47.6	**Q W**	17		KRB on pile structure.	Visible all around; higher intensity on rangeline.
14900	POST OFFICE RANGE REAR LIGHT 235 yards 347° from front light.		**Iso W** 6s	31		KRB on skeleton tower.	Visible 4° each side of rangeline.
14905	ASH GROVE LIME DOCK LIGHTS		**(2) F G**	35		Pile structure.	Private aids.
14910	MULTNOMAH CHANNEL JUNCTION LIGHT	45 37.2 122 47.6	**Fl (2+1) R** 6s	15	4	JR on dolphin.	Higher intensity beam up and down channel.
14915	BURLINGTON NORTHERN RAILROAD BRIDGE RANGE FRONT LIGHT	45 34.9 122 45.3	**Q G**	44		KRB on skeleton tower on pile structure. Colocated with LLNR 14925.	Light visible all around with higher intensity on rangeline. Range is effective for vessels with height of eye of 50 feet and above and may be confusing to vessels with height of eye below 50 feet and should not be used.
14920	BURLINGTON NORTHERN RAILROAD BRIDGE RANGE REAR LIGHT 924 yards 311.1° from front light.		**Iso G** 6s	48		KRB on skeleton tower.	Range is effective for vessels with height of eye of 50 feet and above and may be confusing to vessels with height of eye below 50 feet and should not be used.
14925	BURLINGTON NORTHERN RAILROAD BRIDGE DIRECTION LIGHT	43 34.9 122 45.3	**Iso W** 6s **(R+G Sector)**			On pile structure, colocated with LLNR 14915	White light visible 0.5° each side of centerline of channel bearing 311.1°, red sector visible 311.6° to 312.9°, and green sector visible 310.6° to 309.4°.
14930	**St. Johns Railway Bridge Fog Signal**	45 34.6 122 44.8					HORNS(2): 2 blasts ev 10s (2s bl-1s si-2s bl-5s si). Private aid.
14935	CHEVRON PETROLEUM DOCK LIGHT A		**F R**	38			Private aid.
14940	CHEVRON PETROLEUM DOCK LIGHT B		**F R**	38			Private aid.
14945	SWAN ISLAND PIER C LIGHT	45 34.1 122 43.5	**Iso R** 4s	17			Private aid.
14950	SWAN ISLAND PIER A LIGHT	45 34.1 122 43.4	**Iso R** 6s	17			Light obscured rom 190° to 010°. Private aid.
14955	SHAVER MOORING LIGHT	45 33.6 122 43.4	**Iso R** 6s	12		Dolphin.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON - Thirteenth District						
		N/W					
	PORT OF PORTLAND (Chart 18526)						
	Willamette River						
14960	JOHNS LANDING PIER LIGHT A	45 29.1 122 40.2	**Q W**	10		On breakwater.	Private aid.
14965	JOHNS LANDING PIER LIGHT B	45 29.1 122 40.2	**Q W**	10		On breakwater.	Private aid.
14970	JOHNS LANDING PIER LIGHT C	45 29.1 122 40.2	**Q W**	10		On breakwater.	Private aid.
14975	JOHNS LANDING PIER LIGHT D	45 29 122 40.2	**Q W**	10		On breakwater.	Private aid.
14980	Stevens Point Buoy 2					Red nun.	
14985	Stevens Point Buoy 4	45 28.4 122 39.9				Red nun.	
14990	Stevens Point Buoy 5	45 28.2 122 39.9				Green can.	
	WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)						
14995	MILWAUKIE LIGHT 9		**F G**	15	8	SG on dolphin.	
15000	Elk Rock Buoy 8					Red nun.	Maintained from May 15 to Oct. 1.
15005	Elk Rock Buoy 10					Red nun.	
15010	Elk Rock Buoy 10A					Red nun.	Maintained from May 15 to Oct. 1.
15015	Elk Rock North Shoal Buoy	45 26.4 122 38.7				Orange and white diamonds, worded ROCKS.	Maintained from May 15 to Oct. 1.
15020	Elk Rock South Shoal Buoy	45 26.4 122 38.7				Orange and white diamonds, worded ROCKS.	Maintained from May 15 to Oct. 1.
15025	ELK ROCK ISLAND LIGHT 11		**Fl G** 4^{s}	35	4	SG on skeleton tower.	
15030	OSWEGO NORTH PIER LIGHT		**F R**	10		Dolphin.	Private aid.
15035	OSWEGO SOUTH PIER LIGHT		**F R**	10		Dolphin.	Private aid.
15040	Oswego Rock Daybeacon 12					TR on pole.	Maintained from May 15 to Oct. 1.
15045	Thesing Range Front Daybeacon	45 25.5 122 39.2				KRB.	
15050	Thesing Range Rear Daybeacon 267 yards 224°30′ from front daybeacon.					KRB on dolphin.	
15055	CHRISTIE LIGHT 14		**Fl R** 4^{s}	35	5	TR.	Higher intensity beam down channel. Obscured to northward of 220°.
15060	BINGHAM LANDING LIGHT LIGHT 16		**Fl R** 4^{s}	10	5	TR on white skeleton tower.	Higher intensity beam up channel. Obscured to northward of 220°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OREGON – Thirteenth District						
		N/W					
	WILLAMETTE RIVER (Portland to Newberg) (Chart 18528)						
15065	STARKWEATHER LANDING LIGHT 17		**Fl G** 6^s	15	5	SG on white house.	Higher intensity beam down channel.
15070	JENNNGS LODGE LIGHT 19		**Fl G** 4^s	30	5	SG on white skeleton tower.	Higher intensity beam down channel.
15075	CLACKMAS RAPIDS LIGHT 20	45 22.6 122 37.2	**Fl R** 4^s	18	3	TR on white skeleton tower.	
	Rock Island Channel						
15080	– Buoy 1	45 20 122 39.1				Green can.	
15085	– Buoy 2	45 19.9 122 39.2				Red nun.	
15090	– Buoy 3	45 19.8 122 39.3				Green can.	
15095	– Buoy 5	45 19.8 122 39.3				Green can.	
15100	– Buoy 7					Black can.	
15105	– Buoy 8	45 19.4 122 39.7				Red nun.	
15110	– Buoy 9					Black can.	
15115	– Buoy 12					Red nun.	
15120	– Buoy 13	45 18.7 122 39.8				Green can.	
15125	– Buoy 14	45 18.7 122 39.8				Red nun.	
15130	– Buoy 15	45 18.6 122 39.8				Green can.	
15135	New Era Bar Range Front Daybeacon	45 17.3 122 39.5				KRB on pole.	May be withdrawn during freshet season.
15140	New Era Bar Range Rear Daybeacon 65 yards 174° from front daybeacon.					KRB on pole.	May be withdrawn during freshet season.
15145	Rocky Reef Range Front Daybeacon	45 17.7 122 40.9				KRB on pole.	May be withdrawn during freshet season.
15150	Rocky Reef Range Rear Daybeacon 75 yards 309° from front daybeacon.					KRB on pole.	May be withdrawn during freshet season.
15155	Rocky Reef Shoal Buoy 19	45 17.4 122 40.5				Black can.	Maintained from May 15 to Oct. 1.
15160	Rocky Reef Shoal Buoy 21	45 17.5 122 40.7				Black can.	Maintained from May 15 to Oct. 1.
	WILLAPA BAY (Chart 18504)						
	Willapa Bay						
15165	Leadbetter Point Buoy 1	46 37.3 124 07.3				Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			OREGON – Thirteenth District				
	WILLAPA BAY (Chart 18504)	N/W					
	Willapa Bay						
15170	– *Approach Lighted Whistle Buoy W*	46 42.6 124 10.8	**Mo (A) W**		6	Red and white stripes.	
15175	– *Entrance Lighted Gong Buoy A*	46 42.6 124 09.2	**Fl W** 2.5^{s}		6	Orange and white bands.	
15180	– *Entrance Lighted Bell Buoy B*	46 42.9 124 07.4	**Fl Y** 4^{s}		6	Yellow.	
15185	– *Entrance Lighted Bell Buoy 6*	46 43.3 124 05.9	**Fl R** 4^{s}		4	Red.	
15190	– *Entrance Lighted Bell Buoy 8*	46 43.4 124 04.6	**Fl R** 2.5^{s}		5	Red.	
15195	– *Entrance Lighted Bell Buoy 10*		**Q R**		3	Red.	
15200	– **Light**	46 44.1 124 04.6	**Fl W** 10^{s}	113	13	White house on white skeleton tower. 64	RBN: 304 kHz UT(••– •)III. Antenna 23 yards 157° from light tower.
			WASHINGTON – Thirteenth District				
	WILLAPA BAY (Chart 18504)						
	Willapa Bay						
15205	– *Entrance Lighted Bell Buoy 12*		**Fl R** 4^{s}		4	Red.	
15210	– *Entrance Lighted Bell Buoy 13*		**Fl G** 2.5^{s}		4	Black.	
15215	– *Channel Lighted Bell Buoy 15*		**Fl G** 4^{s}		5	Green.	
15220	– *Channel Lighted Buoy 16*	46 41.8 123 58.3	**Fl R** 4^{s}		4	Red.	
15225	Cedar River Flats Daybeacon 2	46 42.1 123 57.6		20		TR on pile structure.	
15230	TOKE POINT JETTY LIGHT 3	46 42.5 123 57.9	**Fl G** 4^{s}	13	6	SG on piles.	Higher intensity beam down channel.
15235	Toke Point Basin Daybeacon 4	46 42.5 123 57.9				TR on pile.	
	Willapa River						
15240	– LIGHT 1	46 41.8 123 57.6	**Fl G** 2.5^{s}	15	4	SG on dolphin.	
15245	– LIGHT 2		**Fl W** 4^{s}	15	5	TR on dolphin.	
15250	– RANGE A FRONT LIGHT	46 41.6 123 57.3	**Q W**	16		KRB on dolphin.	Visible all around; higher intensity beam on rangeline.
15255	– RANGE A REAR LIGHT 640 yards 259° from front light.		**Iso W** 6^{s}	29		KRB on dolphin.	Visible 4° on each side of rangeline.
15260	– CHANNEL LIGHT 7		**Fl G** 4^{s}	15	5	SG on dolphin.	
15265	– LIGHT 8		**Fl R** 4^{s}	20	4	TR on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	WILLAPA BAY (Chart 18504)						
	Willapa River						
15270	- CHANNEL LIGHT 10		**Fl W** 4^{s}	15	5	TR on dolphin.	
15275	- LIGHT 13		**Fl G** 4^{s}	28	5	SG on dolphin.	
15280	- RANGE B FRONT LIGHT	46 42.6 123 51.2	**Q W**	18		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15285	- RANGE B REAR LIGHT 1,240 yards 074°30′ from front light.		**Iso W** 6^{s}	56		KRB on pile structure.	Visible 4° each side of rangeline.
15290	- Daybeacon 15					SG on pile.	
15295	- CHANNEL LIGHT 19		**Fl W** 4^{s}	15	5	SG on dolphin.	Higher intensity beam up and down channel.
15300	- Daybeacon 22					TR on pile.	
15305	- LIGHT 24		**Fl R** 4^{s}	15	4	TR on dolphin.	
15310	- Daybeacon 26					TR on pile.	Ra ref.
15315	- Daybeacon 28					TR on pile.	
15320	- LIGHT 29		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
15325	- Daybeacon 30					TR on pile.	
15330	- LIGHT 33		**Fl G** 4^{s}	22	5	SG on dolphin.	Higher intensity beam up and down channel.
15335	- LIGHT 35		**Fl G** 6^{s}	15	4	SG on dolphin.	
15340	- LIGHT 39		**Fl G** 4^{s}	18	5	SG on dolphin.	Higher intensity beam up and down channel.
15345	- Channel Daybeacon 40					TR on pile structure.	
15350	- Range C Front Daybeacon	46 41.4 123 49.1				KRB on pole.	
15355	- Range C Rear Daybeacon 215 yards 350°45′ from front daybeacon.					KRB on pole.	
15360	- Channel Daybeacon 44					TR on pile structure.	
15365	- CHANNEL LIGHT 51		**Fl G** 4^{s}	15	3	SG on dolphin.	
15370	- Channel Daybeacon 52					TR on pile structure.	
15375	- CHANNEL LIGHT 55		**Fl G** 4^{s}	16	3	SG.	
15380	- CHANNEL LIGHT 56		**Q R**	15	2	TR on dolphin.	
15385	- CHANNEL LIGHT 59		**Fl W** 4^{s}	15	3	SG on dolphin.	Higher intensity beam up channel.
15390	- Channel Daybeacon 60					TR on pile structure.	
15395	- Channel Daybeacon 61					SG on pile structure.	
	South Willapa Bay						
15400	- LIGHT 3	46 41.2 123 59.5	**Fl W** 6^{s}	24	5	SG on dolphin.	
15405	- Daybeacon 5					SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	WILLAPA BAY (Chart 18504)	N/W					
	South Willapa Bay						
15410	– LIGHT 7	46 36.6 123 58.4	**Fl W** 4^{s}	22	5	SG on pile structure.	Higher intensity beam up channel.
15415	– Daybeacon 8					TR on pile.	
	Nahcotta Channel						
15420	– LIGHT 10	46 34.3 123 58.6	**Fl W** 4^{s}	22	5	TR on dolphin.	
15425	– Daybeacon 11					SG on pile.	
15430	– Daybeacon 12					TR on pile.	
15435	LONG ISLAND JUNCTION LIGHT	46 32.3 123 58.6	**Fl (2+1) G** 6^{s}	15	4	JG on dolphin.	Higher intensity beam down channel.
15440	– Daybeacon 13					SG on pile.	
15445	NAHCOTTA MOORING BASIN LIGHT 2		**Fl R** 4^{s}	15	6	TR on pile structure.	Higher intensity beam down channel.
15450	NAHCOTTA MOORING BASIN LIGHT 1		**Q W**	15	5	SG on pipe.	
15455	– Daybeacon 15					SG on pile.	
15460	– LIGHT 17	46 27.2 124 00.3	**Fl G** 2.5^{s}	15	4	SG on dolphin.	
15465	– Daybeacon 18					TR on pile.	
15470	– Daybeacon 20					TR on pile.	
	Stanley Channel						
15475	– Daybeacon 2	46 31.2 123 58.5				TR on pile.	
15480	– LIGHT 4	46 29 123 57.8	**Fl R** 4^{s}	15	4	TR on white platform on dolphin.	Higher intensity beam up and down channel.
15485	STANLEY POINT JUNCTION LIGHT		**IQ W**	15	5	JR on pile.	Higher intensity beam down channel. Ra ref.
	Nemah River Channel						
15490	– Entrance Daybeacon 1	46 34.6 123 56.8				SG on dolphin.	
	Bay Center Channel						
15495	– LIGHT 2	46 38.6 123 59.3	**Fl W** 2.5^{s}	24	5	TR on dolphin.	
15500	– LIGHT 6	46 38.4 123 58.2	**Fl W** 4^{s}	21	5	TR on dolphin.	Higher intensity beam upstream.
15505	– Buoy 8					Red nun.	
15510	– Buoy 10					Red nun.	
15515	– LIGHT 11		**Fl W** 4^{s}	18	5	SG on pile structure.	Higher intensity beam down channel.
15520	– Buoy 13					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	WILLAPA BAY (Chart 18504)	N/W					
	Bay Center Channel						
15525	PALIX RIVER LIGHT 15	46 37.9 123 56.5	**Fl G 4^{s}**		5	SG on dolphin.	
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)						
	Grays Harbor						
15530	- **Light**	46 53.3 124 06.9	**Al RW 30^{s}** 0.1^{s} Rfl 14.9^{s} ec 0.1^{s} Wfl 14.9^{s} ec	123	W 23 R 22	White truncated octagonal pyramidal tower. 107	Emergency light Iso W 6^{s}. RBN: 325 kHz G (▬▬ ●). Antenna 2,350 yards 327.5° from light. HORN: 1 blast ev 15^{s} (2^{s} bl). Fog signal is located 2,350 yards 327.5° from light tower.
15535	- *Approach Lighted Whistle Buoy GH*	46 51.9 124 14.3	**Mo (A) W**		6	Red and white stripes.	
15540	- BAR RANGE FRONT LIGHT	46 55.8 124 09.4	**Q R**	23		KRB on skeleton tower. 15	Visible 4° each side of rangeline.
15545	- BAR RANGE REAR LIGHT 500 yards, 039.3° from front light.		**Iso R 6^{s}**	61		KRB on skeleton tower. 5	Visible 4° each side of rangeline.
15550	- *Entrance Lighted Whistle Buoy 2*		**Fl R 4^{s}**		4	Red.	
15555	- *Entrance Lighted Whistle Buoy 3*	46 55 124 14.7	**Fl W 4^{s}**		6	Green.	
15560	- *Entrance Lighted Whistle Buoy 4*		**Fl W 4^{s}**		5	Red.	
15565	- *Entrance Lighted Gong Buoy 5*		**Fl G 4^{s}**		3	Black.	
15570	- *Entrance Lighted Whistle Buoy 6*		**Fl R 4^{s}**		3	Red.	
15575	- *Entrance Lighted Bell Buoy 9*		**Fl G 4^{s}**		3	Black.	
15580	- *Entrance Lighted Horn Buoy 8*		**Q W**		3	Red.	HORN: 1 blast ev 15^{s} (1^{s} bl). Ra ref.
15585	POINT CHEHALIS RANGE FRONT LIGHT		**F R**	27		KRB on pile structure.	Visible 1.5° each side of rangeline. Lighted throughout out 24 hours.
15590	POINT CHEHALIS RANGE REAR LIGHT 330 yards, 093° from front light.		**F R**	51		KRB on skeleton tower.	Visible 1.5° each side of rangeline. Lighted throughout 24 hours.
15595	- *Channel Lighted Whistle Buoy 11*		**Q G**		4	Black.	
15600	- *Channel Lighted Whistle Buoy 13*		**Fl W 4^{s}**		6	Green.	
15605	- *Junction Lighted Bell Buoy A*		**Fl (2+1) R 6^{s}**		4	Red and green bands.	
15610	- SOUTH REACH RANGE A FRONT LIGHT	46 55.2 124 02.9	**Q R**	21		KRB on pile structure.	Higher intensity beam on rangeline. Obscured to northeast. Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)	N/W					
	Grays Harbor						
15615	– SOUTH REACH RANGE A REAR LIGHT 600 yards, 092°18′ from front light.		**Iso R** 6^s	50		KRB on skeleton tower on structure.	Visible 4° each side of rangeline.
15620	– *South Reach Lighted Bell Buoy 14*		**Q R**		4	Red.	
15625	– *South Reach Lighted Buoy 15*		**Q G**		4	Black.	
15630	– *South Reach Lighted Buoy 15A*		**Fl G** 4^s		4	Black.	
15635	– SOUTH REACH LIGHT 16	46 55.1 124 04.9	**Fl R** 4^s	15	4	TR on dolphin.	Higher intensity beam up and down channel.
15640	– *South Reach Lighted Buoy 17*	46 55.3 124 04.1	**Fl W** 4^s		4	Black.	
15645	– *South Reach Lighted Bell Buoy 18*		**Fl R** 4^s		4	Red.	
15650	– South Reach Daybeacon Daybeacon 20					TR on dolphin.	
15655	– *South Reach Lighted Gong Buoy 21*		**Q G**		4	Black.	
15660	– South Reach Junction Buoy SC	46 55.3 124 02.7				Red and black bands; nun.	
15665	SOUTH REACH RANGE AA FRONT LIGHT	46 55.1 124 03.6	**Q R**	21		KRB on pile structure.	Visible 4° each side of rangeline. Passing light is obscured from 030° to 150°. Ra ref.
15670	SOUTH REACH RANGE AA REAR LIGHT 242 yards 246.7° from front light.		**Iso R** 6^s	38		KRB on skeleton tower on pile structure.	Visible 4° each side of rangeline.
15675	– South Reach Buoy 23					Black can.	
15680	– *South Reach Lighted Bell Buoy 24*		**Fl R** 4^s		4	Red.	
15685	– NORTH CHANNEL RANGE B FRONT LIGHT	46 55.5 124 01.6	**Q W**	24		KRB on skeleton tower on pile structure.	Visible all around; higher intensity on rangeline.
15690	– NORTH CHANNEL RANGE B REAR LIGHT 617 yards 222°33′ from front light.		**Iso W** 6^s	48		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15695	– *North Channel Lighted Buoy 25*		**Q G**		4	Black.	
15700	– *North Channel Lighted Bell Buoy 26*		**Fl R** 2.5^s		4	Red.	
15705	– *North Channel Lighted Buoy 27*		**Fl W** 2.5^s		5	Green.	
15710	– North Channel Buoy 28					Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

WASHINGTON - Thirteenth District

GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)

Grays Harbor

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15715	- NORTH CHANNEL RANGE C FRONT LIGHT	46 57.8 123 58.5	**Q W**	22		KRB on pile structure.	Visible all around; higher intensity on rangeline. Ra ref.
15720	- NORTH CHANNEL RANGE C REAR LIGHT 600 yards, 043° from front light.		**Iso W** 6s	40		KRB on skeleton tower on structure.	Visible 4° each side of rangeline. Ra ref.
15725	*-North Channel Lighted Buoy 29*		**Fl G** 4s		4	Black.	
15730	*- North Channel Lighted Buoy 30*		**Q R**		4	Red.	
15735	- NORTH CHANNEL RANGE D FRONT LIGHT	46 57.6 123 59.2	**Q W**	22		KRB on pile structure.	Visible 4° each side of rangeline.
15740	- NORTH CHANNEL RANGE D REAR LIGHT 333 yards, 259.7° from front light.		**Iso W** 6s	47		KRB on pile structure.	Visible 4° each side of rangeline.
15745	- NORTH CHANNEL RANGE E FRONT LIGHT	46 58.2 123 55	**Q G**	20		KRB on pile structure.	Visible 4° each side of rangeline.
15750	- NORTH CHANNEL RANGE E REAR LIGHT 665 yards, 075° from front light.		**Iso G** 6s	56		KRB on pile structure.	Visible 4° each side of rangeline.
15755	*- North Channel Lighted Buoy 32*	46 57.5 123 58.6	**Fl R** 2.5s			Red.	
15760	*- North Channel Lighted Buoy 34*		**Fl R** 4s	4		Red.	
15765	*- North Channel Lighted Buoy 35*		**Fl G** 4s		5	Green.	
15770	*- North Channel Lighted Buoy 36*	46 57.8 123 56.3	**Fl R** 2.5s			Red.	
15775	*- North Channel Lighted Buoy 40*	46 58.2 123 55.2	**Q R**	15	4	Red.	
15780	ITT RAYONIER PIER LIGHTS	46 58.2 123 54.7	**(6) F W**	13			Private aids.
15785	- NORTH CHANNEL RANGE F FRONT LIGHT	46 58.2 123 55.7	**Q W**	27		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15790	- NORTH CHANNEL RANGE F REAR LIGHT 235 yards 274° from front light.		**Iso W** 6s	35		KRB on pile structure.	Visible 4° each side of rangeline.
15795	*- North Channel Lighted Buoy 44*		**Fl R** 2.5s		4	Red.	
15800	- North Channel Daybeacon 46	46 58 123 53.5				TR on pile.	Ra ref.
15805	- North Channel Daybeacon 46A	46 58 123 53.3				TR on pile.	Ra ref.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

WASHINGTON - Thirteenth District

GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)

Grays Harbor

(1) No.	(2) Name and location	(3) Position N/W	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
15810	COW POINT REACH RANGE G FRONT LIGHT	46 57.4 123 50.2	**Q W**	15		KRB on pile structure. On same structure as Aberdeen Range K Front Light.	Visible all around; higher intensity on rangeline.
15815	COW POINT REACH RANGE G REAR LIGHT 600 yards 120° from front light.		**Iso W** 6s	27		KRB on pile structure.	Visible 4° each side of rangeline.
15820	ABERDEEN TERMINAL NO. 1 PIER LIGHTS	46 57.9 123 51.3	**(2) F R**	14			Private aids.
15825	ABERDEEN TERMINAL NO. 2 PIER LIGHTS	46 57.8 123 51.2	**(2) F R**	19			Private aids.
15830	Cow Point Turning Basin Buoy 48	46 57.5 123 50.9				Red nun.	
15835	Cow Point Turning Basin Buoy 50	46 57.5 123 50.8				Red nun.	
15840	- NORTH CHANNEL LIGHT 51		**Fl G** 4s	15	5	SG on dolphin.	
15845	COW POINT PIER LIGHTS		**(2) F R**	15			Private aids.
15850	COW POINT REACH RANGE H	46 57.6 123 49.4	**Q R**	15		KRB on pile structure.	Visible 2° each side of rangeline.
15855	COW POINT REACH RANGE H REAR LIGHT 500 yards 091° from front light.		**Iso R** 6s	26		KRB on pile structure.	Visible 2° each side of rangeline.
15860	COW POINT REACH RANGE J FRONT LIGHT	46 57.9 123 49	**Q G**	16		KRB on pile structure.	Visible all around; higher intensity on rangeline.
15865	COW POINT REACH RANGE J REAR LIGHT 283 yards, 071.8° from front light.		**Iso G** 6s	26		KRB on skeleton tower.	Visible 2° each side of rangeline.
15870	ABERDEEN REACH RANGE K FRONT LIGHT	46 57.4 123 50.2	**Q W**	15		KRB on pile. On same structure as Cow Point Reach Range G Front Light.	Visible all around; higher intensity on rangeline.
15875	ABERDEEN REACH RANGE K REAR LIGHT 1,000 yards, 232° from front light.		**Iso W** 6s	30		KRB on pile structure.	Visible 4° each side of rangeline.
15880	- NORTH CHANNEL LIGHT 55	46 57.8 123 49.6	**Fl G** 4s	15	5	SG on dolphin.	Higher intensity beam up channel.
15885	ABERDEEN HARBOR LIGHT 1	46 58.5 123 48.3	**Q G**	20	6	SG on dolphin.	
15890	ABERDEEN REACH RANGE L FRONT LIGHT	46 58.5 123 48.2	**Q R**	21		KRB on dolphin.	Visible 2° each side of rangeline.
15895	ABERDEEN REACH RANGE L REAR LIGHT 350 yards, 050° from front light.		**Iso R** 6s	37		KRB on skeleton tower on pile structure.	Visible 2° each side of rangeline.
15900	ABERDEEN HARBOR LIGHT 3	46 58.7 123 47.6	**Fl G** 4s	20	4	SG on dolphin.	Higher intensity beam down river.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)	N/W					
	Chehalis River						
15905	STANDARD OIL COMPANY WEST DOCK LIGHT		**F R**	15		Pile.	Private aid.
15910	STANDARD OIL COMPANY EAST DOCK LIGHT		**F R**	15		Pile.	Private aid.
15915	RODERICK PIER LIGHTS	46 58.3 123 46.6	**(2) F R**	19			Private aids.
15920	- LIGHT 4	46 57.4 123 46	**Fl R 4^{s}**	15	4	TR on skeleton tower.	Higher intensity beam up and down river.
	Grays Harbor North Bay						
15925	- *Lighted Buoy 1*	46 56 124 06.6	**Fl G 4^{s}**		4	Black.	
15930	- Buoy 2					Red nun.	
15935	- Buoy 3					Green can.	
15940	DAMON POINT LIGHT	46 57.1 124 06.2	**Fl W 4^{s}**	20	5	NR on dolphin.	Ra ref.
	South Channel						
15945	- Daybeacon 4					TR on dolphin.	
15950	- LIGHT 6		**Fl R 2.5^{s}**	16	4	TR on dolphin.	Visible all around; higher intensity beam down channel.
15955	JOHNS RIVER ENTRANCE LIGHT 8		**Fl R 4^{s}**	15	7	TR on dolphin.	Higher intensity beam up and down channel.
15960	Johns River Daybeacon 1					SG on pile.	
15965	Johns River Daybeacon 3					SG on pile.	
15970	WEYERHAEUSER OUTFALL LIGHTS (2 lights)	46 57.4 123 50.9	**Q W**			Dolphins.	Private aids. Mark end of submerged pipe outfall.
15975	Charley Creek Dike Daybeacon 2	46 57.4 123 50.6				TR on dolphin.	
	South Bay Channel						
15980	POINT CHEHALIS LIGHT 2	46 54.8 124 07.1	**Q W**	15	6	TR on dolphin.	
15985	GRAYS HARBOR ENTRANCE SMALL BOAT WARNING SIGN	46 54.7 124 06.8	**Q Y (2)**	20		NW worded ROUGH BAR.	Light oriented upstream. Lights flashing when seas exceed four feet in height, lights extinguished for lesser bar conditions, but with no guarantee that bar is safe.
15990	POINT CHEHALIS LIGHT 4	46 54.9 124 06.8	**Fl R 4^{s}**	15	4	TR on dolphin.	
15995	POINT CHEHALIS LIGHT 6		**Fl R 4^{s}**	15	4	TR on platform.	
16000	WESTHAVEN COVE LIGHT 7	46 54.8 124 06.3	**Fl G 4^{s}**	15	4	SG on pile stucture.	Ra ref.
16005	WESTHAVEN OUTER BREAKWATER NORTH LIGHT 8	46 54.6 124 06.4	**Fl R 4^{s}**	15	4	TR on pole.	Higher intensity beam up channel.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON – Thirteenth District				
	GRAYS HARBOR - WESTPORT HARBOR (Chart 18502)	N/W					
	South Bay Channel						
16010	WESTHAVEN OUTER BREAKWATER SOUTH LIGHT 10		**Q R**	15	4	TR on pile.	Higher intensity beam down channel.
16015	WESTHAVEN SOUTH BREAKWATER LIGHT 11		**Fl G** 4^s	16	5	SG on dolphin.	
16020	WESTHAVEN COVE SOUTHEAST ENTRANCE LIGHT 1	46 54.4 124 06.1	**Fl G** 2.5^s	16	4	SG on dolphin.	Light is obscured from 138.5° to 242.5°.
16025	WESTHAVEN COVE SOUTHEAST ENTRANCE LIGHT 2		**Fl R** 2.5^s	16	3	TR on dolphin.	
16030	– Daybeacon 1					SG on pile.	Ra ref.
16035	– Daybeacon 4					TR on pile.	Ra ref.
16040	– Daybeacon 5					SG on pile.	Ra ref.
16045	– Daybeacon 6					TR on pile.	
16050	– Daybeacon 8					TR on pile.	
16055	– Daybeacon 10					TR on pile.	
16060	– Daybeacon 12					TR on pile.	
16065	– Daybeacon 14					TR on pile.	
16070	– Daybeacon 16					TR on pile.	
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)						
	Quillayute River						
16075	– *Approach Lighted Whistle Buoy Q*	47 53.1 124 40.4	**Mo (A) W**		6	Black and white stripes.	
16080	JAMES ISLAND LIGHT	47 54.3 124 38.8	**Fl W** 6^s	150	9	White house.	RBN: 288 kHz JI (•——— ••) II. Antenna 50 feet 090° from light tower HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Obscured from 068° to 101° and from 111° to 293°.
16085	– *Entrance Lighted Bell Buoy 2*	47 53.7 124 38.7	**Fl R** 4^s		3	Red.	Replaced by nun with red reflector from Sept. 15 to May 1.
16090	– DIRECTION LIGHT	47 54.5 124 38.6	**Iso W** 6^s **(R & G Sectors)**	15		On pile; on same structure as LLNR 16095.	White visible 1° each side of centerline of channel bearing 001°. Red visible from 358.5° to 000°. Green visible from 002° to 003.5°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON - Thirteenth District				
	APPROACHES TO STRAIT OF JUAN DE FUCA (Chart 18480)	N/W					
	Quillayute River						
16095	- ENTRANCE LIGHT 3	47 54.5 124 38.6	**Fl G 4^s**	15		SG on pile; same structure as LLNR 16090	Obscured on rangeline. Flood lights illuminate entrance channel between James Island and Jetty, and are seasonally maintained from May 1 to Oct. 15 from sunset to midnight. After midnight or between Oct. 15 and May 1 upon request to Coast Guard Station Quillayute River.
16100	- Entrance Small Boat Warning Sign		**Q Y (2)**	34		NW worded ROUGH BAR.	Light flashing when seas exceed four feet in height, light extinguished for lesser sea conditions, but with no that bar is safe
16105	- BOAT BASIN LIGHT 1		**Fl G 4^s**	17	5	SG on dolphin.	
16110	- BOAT BASIN LIGHT 2		**Fl R 4^s**	17	4	TR on dolphin.	
16115	- Junction Buoy	47 54.5 124 38.4				Black and red bands; can.	Maintained from May 1. to Oct. 15. Position shifted to best mark existing channel.
16120	- Buoy 5					Black can.	Maintained from May 1 to Oct. 15. Position shifted to best mark existing channel.
	North Channel						
16125	- Bouy 2					Red nun.	Maintained from May 1 to Oct. 15. Position will be shifted to mark existing channel.
16130	- Buoy 4					Red nun.	Maintained from May 1 to Oct. 15. Position will be shifted to mark existing channel.
	STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)						
	Strait of Juan De Fuca						
16135	*Traffic Lane Separation Lighted Buoy J*	48 29.2 124 43.6	**Fl W 4^s**		6	Orange and white bands.	RACON: O (— — —).
16140	**Carmanah Light** (C)	48 36.7 124 45	**Fl W 5^s**	175	19	White octagonal concrete tower. 56	RBN: 288 kHz D (— • •)III. DIAPHONE: 3 blasts ev 60^s (2^s bl-3^s si-2^s bl-3^s si-2s bl-48s si). Emergency light Fl (6) W 15^s.
16145	**Cape Flattery Light**	48 23.5 124 44.1	**Fl (2) W 20^s** **(R sector)** 0.2^s fl 4.8^s ec 0.2^s fl 14.8^s ec	165	W 24 R 20	White conical tower on white sandstone dwelling. 65	Red from 164.7° to 171°; covers Duncan and Duntze Rocks. Light obscured from 271° to 007.5°. RBN: 288 kHz P (• — — •)I. Antenna 290 feet, 012° from light tower. Emergency light Iso W 6^s of lower intensity if main light is extinguished. HORN: 2 blasts ev 60^s (3^s bl-3^s si-3^s bl-51^s si).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	STRAIT OF JUAN DE FUCA ENTRANCE (Chart 18460)	N/W					
	Strait of Juan De Fuca						
16150	*Duntze Rock Lighted Whistle Buoy 2D*	48 24.9 124 44.8	**Fl W 4^s**		6	Red.	
16155	**Waadah Island Light**	48 23.2 124 35.9	**Iso W 6^s** **(R sector)**	63	W 13 R 11	TR on concrete tower.	Red sector from 098° to 107°, covers Duntze and Duncan Rocks. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si).
16160	NEAH BAY LIGHT		**Fl R 6^s**	46	7	TR on skeleton tower.	Light obscured from 114° to 196°. HORN: 1 blast ev 30^s (3^s bl).
16165	Neah Bay Inner Buoy 2					Red nun.	
16170	*Dtokoah Point Lighted Bell Buoy 1*	48 22.6 124 35.1	**Fl G 4^s**		4	Green.	
16175	*Port San Juan Lighted Whistle Buoy YK* (C)	48 32.1 124 29	**Mo (A) W**			Red and white stripes.	
16180	SAN JUAN POINT LIGHT	48 31.9 124 27.4	**F W** Fl R 5^s	57		White circular tower, red band at top, on corner of white building.	F W with high intensity R. flash ev 5^s HORN: 1 blast ev 30^s (3^s bl).
16185	Clallam Reef Bell Buoy 1	48 16.1 124 15.4				Green can.	
16190	**Slip Point Light**	48 15.9 124 14.9	**Fl W 5^s**	55	23	White square tower on pile structure. 50	HORN: 1 blast ev 30^s (3^s bl). Emergency light Iso W 6^s.
16195	**Sheringham Point Light** (C)	48 22.7 123 55.2	**Fl G 15^s**	72	14	White hexagonal tower attached to rectangular dwelling. 64	HORN: 1 blast ev 60^s (6^s bl). Horn mounted on white square building close southward of Lighthouse. Emergency light Fl (6) W 15^s.
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)						
	Strait of Juan De Fuca						
16200	Ideal Cement Range Front Daybeacon	48 10 123 57.5				KRW on piles.	Private aid.
16205	Ideal Cement Range Rear Daybeacon 133 yards, 180° from front daybeacon.					KRW on piles.	Private aid.
16210	WHIFFIN SPIT LIGHT (C)	48 21.5 123 42.6	**Q W**	21		White circular tower green band at top.	MKR RBN: 304 kHz. HORN: 1 blast ev 30^s (3^s bl).
16215	Crescent Bay Buoy 2	48 10.2 123 43.4				Red nun.	
16220	- *Traffic Lane Separation Lighted Buoy JA*	48 14.2 123 28.9	**Fl Y 4^s**		6	Yellow.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)						
	Strait of Juan De Fuca						
16225	**Race Rocks Ligh**	48 17.9 123 31.8	**Fl W** 10^s	118	18	Alternate black and white bands on circular stone tower, with dwelling attached. 93	RBN: 314 kHz J (•———)IV. HORN: 3 blast ev 60^s (2^s bl-3^s si-2^s bl-3^s si-2^s bl- 48^s si). Should not be approached within 1 mile to clear Rosedale Reef. Emergency light. Fl (6) W 15^s.
16230	WILLIAM HEAD LIGHT	(C) 48 20.6 123 31.6	**Fl (2) G** 0.5^s fl 1.0^s ec 0.5^s fl 4.0^s ec	36		White tower; green band at top.	WHISTLE: 1 blast ev 30^s (5s bl).
16235	*Victoria Harbor Fairway Lighted Whistle Buoy VH*	48 22.5 123 23.5	**Mo (A) W**			Red and white stripes.	RACON: S (•••).
16240	**Albert Head Light**	(C) 48 23.2 123 28.6	**Fl W** 5^s	90	14	White slated daymark and white watchroom on black skeleton tower.	See p.xxii for Special Radio Direction Finder Calibration Service. HORN: 1 blast ev 60^s (4^s bl). Emergency light Fl (6) W 15^s nominal range 2 miles.
16245	**Fisgard Light**	(C) 48 25.8 123 26.8	**Iso W** 2^s **(R sector)**	71	14	White circular tower with red brick dwelling attached Tower illuminated below balcony by floodlights. 48	Red sector from 195° to 332°. To clear Scrogg Rocks, light must show white in approach from eastward.
16250	OGDEN POINT BREAKWATER LIGHT	(C) 48 24.8 123 23.6	**Q R**	40		White square tower; red band around bottom. 27	HORN: 1 blast ev 30^s (3^s bl). Horn points 205°.
16255	SCROGGS ROCKS LIGHT	(C) 48 24.4 123 26.3	**Fl R** 4^s	24		White circular tower; red band at top.	
16260	BROTCHIE LEDGE LIGHT	(C) 48 24.4 123 23.2	**F FL G** 10^s	20		White circular tower; green band at top.	FG with high intensity green flash ev 10^s. HORN: 1 blast ev 20^s (2^s bl). Horn points southward. Ra ref.
16265	**Trial Islands Light**	(C) 48 23.7 123 18.2	**Fl G** 5^s	93	15	White circular tower. 45	HORN: 2 blasts ev 60^s (3 bl-3^s si-3^s bl-51^s si). Horn points 181° from a white rectangular building close southeastward of lighthouse Emergency light Fl (6) W 15^s.
16270	DISCOVERY ISLAND LIGHT	(C) 48 25.5 123 13.5	**Fl W** 5^s	93		White circular tower. 45	Light obscured from 054° to 161°. HORN: 1 blast ev 60^s (6^s bl). Emergency light Fl (6) W 15^s.
16275	– *Calibration Lighted Bell Buoy*	48 14.2 123 21.7	**Fl Y** 6^s		6	Orange and white bands.	Maintained for U.S. Navy.
16280	**Ediz Hook Light**	48 08.4 123 24.5	**Fl G (2) W** 10^s 0.1s Gfl 2.4s ec 0.1s Wfl 2.4s ec 0.1s Wfl 4.9s ec	70	W 23 G 19	White circular tower. 63	RBN: 322 kHz K (—•—). Antenna 600 yards 094° from light tower. HORN: 1 blast ev 30s (3^s bl). Fog signal is located 600 yards 093° from light tower.
16285	*Ediz Hook Lighted Buoy 2*	48 08.4 123 23.9	**Fl R** 2.5^s		3	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)	N/W					
	Strait of Juan De Fuca						
16290	Port Angeles Harbor Buoy 1					Green can.	
16295	PORT ANGELES CITY DOCK LIGHTS	48 07.3 123 25.6	(2) F W	17		One light on pier, one light on pile structure.	Private aids.
16300	EDIZ HOOK SALMON PENS LIGHT A	48 08.4 123 24.9	Fl Y 6^s	3		On aquaculture facility.	Private aid.
16305	EDIZ HOOK SALMON PENS LIGHT C	48 08.4 123 25	Fl Y 6^s	3		On aquaculture facility.	Private aid.
16310	PORT ANGELES PORT DOCK LIGHT	48 07.6 123 26.2	F W	17		On pile.	Private aid.
16315	*Port Angeles Boat Haven Lighted Buoy 3*	48 07.8 123 26.8	Fl G 4^s		4	Green.	
16320	PORT ANGELES MOORING BASIN WEST LIGHT	48 07.6 123 27.1	F R	17		Dolphin.	Private aid.
16325	PORT ANGELES MOORING BASIN EAST LIGHT		F G	17		Dolphin.	Private aid.
16330	PORT ANGELES BOAT HAVEN LIGHT	48 07.6 123 27	Fl W 2.5^s	17		Pole.	Private aid.
16335	**New Dungeness Light**	48 10.9 123 06.5	Fl W 5^s	67	22	White conical tower on dwelling. 63	RBN: 314 kHz U (••—)V. Antenna 275 feet 032°30′ from light tower. HORN: 1 blast ev 30s (3^s bl).
16340	*Rosario Strait Traffic Lane Entrance Lighted Buoy R*	48 16.5 123 06.5	Fl Y 4^s		6	Orange and white bands.	
16345	*Puget Sound Traffic Lane Entrance Lighted Buoy S*	48 12.4 123 06.5	Fl Y 4^s Fl Y 2.5^s		6	Yellow.	Fl Y 2.5^s high intensity flash tube.
16350	New Dungeness Sand Spit Buoy 2					Red nun.	
16355	*New Dungeness Sand Spit Lighted Bell Buoy 2*	48 11.5 123 05.6	Fl R 4^s		3	Red.	
16360	*Hein Bank Lighted Bell Buoy*		IQ W		6	Red and black bands.	RACON: K (—•—).
16365	*Salmon Bank Lighted Gong Buoy 3*		Fl G 4^s		4	Black.	
16370	*Rosario Strait Traffic Lane Seperation Lighted Buoy RA*	48 19.8 122 58.6	Fl Y 4^s		6	Yellow.	
16375	**Smith Island Light**	48 19.1 122 50.6	Fl W 15^s	97	24	45	RBN: 314 kHz G (——•) III. Antenna 310 feet 355° from light tower. Emergency light Iso W 6s of lower intensity when main light is extinguished.
16380	MINOR ISLAND LIGHT	48 19.5 122 49.1	Fl W 4^s	24	5	White cylindrical house on white square house.	HORN: 2 blasts ev 30s (2s bl-2s si-2s bl-24s si).

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	STRAIT OF JUAN DE FUCA (Eastern Part) (Chart 18465)	N/W					
	Strait of Juan De Fuca						
16385	Partridge Bank Buoy 1					Green can.	
16390	*Partridge Bank Lighted Bell Buoy 3*	48 14.8 122 50	Fl G 6^{s}		5	Green.	
16395	*Point Partridge Lighted Bell Buoy 5*	48 13.2 122 46.9	Fl G 4^{s}			Black.	
16400	**Point Partridge Light**	48 13.4 122 46.1	Fl W 5^{s}	90	18	NR on orange house.	HORN: 1 blast ev 30s (3^{s} bl). Lighted throughout 24 hours.
16405	*Puget Sound Traffic Lane Seperation Lighted Buoy SA*		Fl W 4^{s} Fl W 2.5^{s}		6	Orange and white bands.	Fl W 2.5^{s} high intensity flash tube.
16410	MILL POINT LIGHT	48 01.1 122 51.3	F W			On pier.	Private aid.
	Sequim Bay						
16415	- Entrance Buoy 2	48 05.1 123 01.8				Red nun.	
16420	- Entrance Buoy 4					Red nun.	
16425	- Buoy 5					Green can.	
16430	- Buoy 7					Green can.	
16435	- Buoy 9					Green can.	
16440	- Buoy 10					Red nun.	
16445	JOHN WAYNE MARINA LIGHT 2	48 03.9 123 02.3	Fl R 4^{s}	21		On north breakwater.	Private aid.
16450	JOHN WAYNE MARINA LIGHT 3	48 03.8 123 02.3	Fl G 4^{s}	13		On south breakwater.	Private aid.
16455	- Buoy 10					Red nun.	
16460	Protection Island Southwest Spit Buoy 1	48 06.9 122 57.8				Black can.	
16465	McCurdy Point Buoy 4	48 08.7 122 50.6				Red nun.	
16470	*Point Wilson Lighted Buoy 6*	48 09.2 122 45.8	Fl R 4^{s}		4	Red.	
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Admiralty Inlet						
16475	**Point Wilson Light**	48 08.7 122 45.2	Oc W&Fl R 20^{s} 15^{s} W fl 2.4^{s} ec 0.2^{s} R fl 2.4^{s} ec	51	W 16 R 15	White octagonal tower on fog signal building.	RBN: 314 kHz Q (— — • —)II. Antenna at light tower. HORN: 1 blast ev 30^{s} (3^{s} bl). Emergency light Iso W 6^{s} of lower intensity if main light is extinguished.
16480	KEYSTONE HARBOR ENTRANCE LIGHT 1	48 09.4 122 40.3	Q W	12		On piling.	Private aid.
16485	KEYSTONE HARBOR ENTRANCE LIGHT 2	48 09.4 122 40.2	Fl R 4^{s}	13	5	TR on platform.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Admiralty Inlet						
16490	*Point Hudson Spit Lighted Bell Buoy 2*		**Fl R** 4^s		4	Red.	
16495	POINT HUDSON LIGHT	48 07 122 44.9	**Iso R** 6^s	22	7	TR	HORN: 2 blast ev 20^s (2^s bl-2^s si-2^s bl-14^s si).
16500	MARROWSTONE POINT LIGHT	48 06.1 122 41.2	**Oc W** 4^s	28	9	White square structure. 20	Light obscured from 040° to 090°. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si).
16505	**Bush Point Light**	48 01.8 122 36.3	**Fl W** 2.5^s	25	11	White pyramidal building. 20	
16510	*Puget Sound Traffic Lane Separation Lighted Buoy SC*	48 01.9 122 38.1	**Fl Y** 4^s **Fl Y** 2.5^s		6	Yellow.	Fl Y 2.5^s; high intensity flash tube.
16515	COLVOS ROCKS LIGHT	47 57.1 122 40.1	**Fl W** 4^s	34	5	NB on skeleton tower.	
16520	DOUBLE BLUFF LIGHT	47 58.1 122 32.7	**Oc G** 4^s	60	8	NG on skeleton tower.	
16525	*Double Bluff Lighted Buoy 1*		**Fl G** 4^s		4	Green.	
16530	*Puget Sound Traffic Lane Separation Lighted Buoy SD*	47 57.9 122 34.7	**Fl Y** 4^s		6	Orange and white bands.	
16535	*Foulweather Bluff Lighted Bell Buoy 2*		**Fl R** 4^s		4	Red.	
16540	*Puget Sound Traffic Lane Separation Lighted Buoy SE*	47 55.4 122 29.4	**Fl Y** 4^s **Fl Y** 2.5^s		4	Yellow.	Fl Y 2.5^s; high intensity flash tube.
16545	SKUNK BAY LIGHT	47 55.2 122 34.1	**F R**	210		White octagonal tower.	Private aid.
	Puget Sound						
16550	**Point No Point Light**	47 54.7 122 31.5	**Fl (3) W** 10^s 0.1^s fl 1.9^s ec 0.1^s fl 1.9^s ec 0.1^s fl 5.9^s ec	27	19	White octagonal tower on building. 20	Emergency light Iso W 6^s. HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si).
16555	*Scatchet Head Lighted Gong Buoy 1*		**Fl G** 6^s		4	Black.	
16560	*Possession Point Lighted Bell Buoy 1*	47 53.8 122 23	**Fl W** 4^s		6	Green.	
16565	Possession Point Reef Buoy A	47 53.8 122 23.6				White and orange bands, spherical.	Private aid.
16570	Possession Point Reef Buoy B	47 53.8 122 23.2				White and orange bands, spherical.	Private aid.
	Cultus Bay						
16575	– Entrance Buoy 1	47 54.5 122 24				Black spar.	Private aid.
16580	– Entrance Buoy 2					Red spar.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
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	ADMIRALTY INLET AND N/W PUGET SOUND TO SEATTLE (Chart 18441)						
	Cultus Bay						
16585	– Daybeacon 4					Numbered pile.	Private aid.
16590	– Daybeacon 6					Numbered pile.	Private aid.
16595	– Daybeacon 7					Numbered pile.	Private aid.
16600	– Daybeacon 9					Numbered pile.	Private aid.
16605	– Daybeacon 10					Numbered pile.	Private aid.
16610	– Daybeacon 11					Numbered pile.	Private aid.
16615	– Daybeacon 12					Numbered pile.	Private aid.
16620	– Daybeacon 13					Numbered pile.	Private aid.
16625	– Daybeacon 14					Numbered pile.	Private aid.
16630	– Daybeacon 15					Numbered pile.	Private aid.
16635	– Daybeacon 17					Numbered pile.	Private aid.
16640	– Daybeacon 18					Numbered pile.	Private aid.
16645	– Daybeacon 19					Numbered pile.	Private aid.
16650	– Daybeacon 20					Numbered pile.	Private aid.
16655	– Daybeacon 21					Numbered pile.	Private aid.
16660	– Daybeacon 22					Numbered pile.	Private aid.
16665	– Daybeacon 23					Numbered pile.	Private aid.
16670	– Daybeacon 24					Numbered pile.	Private aid.
16675	APPLE COVE POINT LIGHT	47 48.9 122 28.8	Fl W 4^s	18	5	NB on dolphin.	
16680	POINT WELLS RANGE FRONT LIGHT	47 47 122 23.6	F R	44		KRB on skeleton tower.	Visible 4° each side of rangeline.
16685	POINT WELLS RANGE REAR LIGHT		F R	81		KRB on skeleton tower.	Visible 4° each side of rangeline.
16690	Edmonds Underwater Park Buoys (2)	47 48.9 122 23.1				White with orange bands, worded WARNING UNDERWATER PARK, BOATS KEEP CLEAR.	Marks seaward corner of Edmonds Underwater Park. Private aids.
16695	**Edmonds Dock Fog Signal**	47 48.2 122 23.8				On top of building.	HORN: 2 blasts ev 30^s (5^s bl-5^s si-5^s bl-15^s si). Private aid.
16700	Edmonds Storm Sewer Outfall Daybeacon	47 48.4 122 23.7				White daymark worded DANGER on pipe.	Private aid.
16705	EDMONDS SOUTH BREAKWATER LIGHT		Fl W $4s^s$	18		Tripod.	Private aid.
16710	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 1		Fl G 5^s	18		SW on dolphin.	Private aid.
16715	EDMONDS SMALL BOAT HARBOR ENTRANCE LIGHT 2	47 48.5 122 23.3	F R	19		TR on tripod.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)	N/W					
	Cultus Bay						
16720	Edmonds Fishing Reef Buoys (2)	47 48.7 122 23.3				White cans with orange band and diamond.	Private aids.
16725	POINT WELLS FOG SIGNAL	47 46.9 122 23.8				Pole.	HORN: 1 blast ev 30^s (3^s bl). Private aid.
16730	KINGSTON SMALL BOAT HARBOR LIGHT 2		Fl R 4^s	13	4	TR	
16735	Kingston Small Boat Harbor Daybeacon 3					SG on pile.	Private aid.
16740	Kingston Small Boat Harbor Daybeacon 5					SB on pile.	Private aid.
16745	*Puget Sound Traffic Lane Separation Lighted Buoy SF*	47 45.9 122 26.2	Fl Y 4^s		6	Orange and white bands.	RACON: G (— — •).
16750	POINT MONROE LIGHT	47 42.5 122 30.6	Iso W 6^s	30	6	NG on skeleton tower.	Obscured from 321° to 089°.
16755	Boeing Creek Reef Buoy A	47 45.1 122 23.1				White and orange bands; spherical buoy.	Private aid.
16760	Boeing Creek Reef Buoy B	47 44.9 122 23.1				White and orange bands; spherical buoy.	Private aid.
16765	*Meadow Point Lighted Buoy 1*	47 41.8 122 24.5	Fl G 4^s		4	Green.	
16770	SHILSHOLE BOAT BASIN LIGHT 2		Q R	17	5	TR.	
16775	PARK DEPARTMENT BOAT RAMP LIGHT	47 41.2 122 24.2	F G	10			Private aid.
16780	*Corps of Engineers North Lighted Mooring Buoy*	47 41.1 122 24.5	Fl W 2^s			White can.	Private aid.
16785	*Shilshole Bay Approach Lighted Bell Buoy*	47 40.9 122 25.1	Mo (A) W		6	Red and white stripes.	
16790	SHILSHOLE BAY BREAKWATER LIGHT 3	47 40.6 122 24.7	Fl G 2.5^s	22	5	SG on white house.	HORN: 2 blast ev 30^s (2^s bl-2^s si- 2^s bl-14^s si)
16795	*Corps of Engineers South Lighted Mooring Buoy*	47 40.3 122 25.3	Fl W 2^s			White can.	Private aid.
16800	WEST POINT LIGHT	47 39.7 122 25.3	Al WR 10^s 0.2^s Wfl 4.8^s ec 0.2^s Rfl 4.8^s ec	27	W 19 R 16	White octagonal tower on building. 23	Lighted throughout 24 hours. HORN: 1 blast ev 30^s (3^s bl). Emergency light: Iso W 6^s.
16805	*West Point Lighted Buoy 1*		Fl G 4^s		6	Green.	
16810	FOURMILE ROCK LIGHT		Fl G 6^s	15	7	SG on skeleton tower.	
16815	*Puget Sound Traffic Lane Seperation Lighted Buoy SG*	47 39.7 122 27.8	Fl Y 4^s Fl Y 2.5^s		6	Orange and white bands.	Fl Y 2.5^s; high intensity flash tube.
16820	Wing Point Reef Buoy 2	47 36.8 122 29.1				Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	ADMIRALTY INLET AND PUGET SOUND TO SEATTLE (Chart 18441)						
	Colvos Bay						
16825	TYEE SHOAL LIGHT	47 36.6 122 29.2	Fl (2+1) R 6^s	15	5	JR on dolphin.	Higher intensity on bearing 094° BELL: 1 stroke ev 15^s.
16830	BLAKELY ROCK LIGHT	47 35.7 122 28.8	Fl R 4^s	16	4	NB on skeleton tower.	
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)						
16835	DECATUR REEF LIGHT 2	47 34.9 122 28.5	Fl W 4^s	15	5	TR on pile.	Ra ref.
	Elliott Bay						
16840	Smith Cove Buoy 1	47 37.7 122 23				Black can.	
16845	Smith Cove Buoy 3					Green can.	
16850	SHIPMATES LIGHT	47 37.3 122 21.8	Fl W 2.5^s	25		On brown hexagonal structure.	Private aid.
16855	COLMAN FERRY TERMINAL LIGHTS	47 36.2 122 20.4	(2) F R	19 19		Dolphin.	HORN: 2 blasts ev 15^s (1^s bl-1^s si-3^s bl-10^s si). Fog light, 36 feet above water, F W exhibited when fog signal is in operation. Private aid.
16860	EAST WATERWAY PIER LIGHT	47 35.4 122 20.7	Fl R 2.5^s	12			Private aid.
16865	PIER 34 NORTH DOCK LIGHT	47 35.3 122 20.5	F R	30		On pedestal.	Private aid.
16870	PIER 34 SOUTH DOCK LIGHT	47 35.2 122 20.5	F R	30		On pedestal.	Private aid.
16875	WEST WATERWAY CONTROL LIGHTS	47 34.3 122 21.3	(2) F R (2) F G				Lights not shown under normal conditions. Vessels desiring to pass, should blow one long blast and proceed if green lights are exhibited. Red lights must not be passed. Maintained by Corps of Engineers, U.S. Army.
16880	GEORGETOWN REACH RANGE FRONT LIGHT	47 32.6 122 20.1	Q R			KRB on pole.	Visible 4° each side of rangeline. Private aid.
16885	GEORGETOWN REACH RANGE REAR LIGHT 230 yards 160° from front light.		Iso R 6^s			KRB on pole.	Visible 4° each side of rangeline. Private aid.
16890	MONSANTO PIER LIGHT 1		Q W	13			Private aid.
16895	MONSANTO PIER LIGHT 3		Q W	13			Private aid.
16900	ALASKA RAIL CAR COMPANY LIGHT 1	47 35.1 122 22.1	F W	14		On dolphin.	Private aid.
16905	ALASKA RAIL CAR COMPANY LIGHT 2	47 35.1 122 22.2	F R	8		On dolphin.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)						
	Elliott Bay						
16910	**Duwamish Head Light**	47 35.9 122 23.2	Fl W 2.5^{s}	15	18	NB on pile structure.	Obscured from 324° to 045°. HORN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si-2^{s} bl-14^{s} si).
	East Passage						
16915	**Alki Point Light**	47 34.6 122 25.2	Fl W 5^{s}	39	15	White octagonal tower attached to building. 37	HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si-2^{s} bl-24^{s} si). Emergency light: Iso W 6^{s}. Special Direction Finder Calibration Service, see pg xxii. Lighted throughout 24 hours.
16920	*Puget Sound Traffic Lane Separation Lighted Buoy T*	47 34.6 122 27	Fl Y 4^{s} Fl Y 2.5^{s}		6	Yellow.	Fl Y 2.5^{s}, high intensity flash tube.
	Blake Island						
16925	- LIGHT 1		Fl G 4^{s}	11		SG on pile structure.	Private aid.
16930	- Daybeacon 2					TR on pile.	Private aid.
16935	- Daybeacon 3					SG on pile.	Private aid.
16940	- Daybeacon 4					TR on pile.	Private aid.
16945	- Daybeacon 5					SG on pile.	Private aid.
16950	- Daybeacon 6					TR on pile.	Private aid.
16955	- EAST LIGHT	47 32.5 122 28.8	Fl R 4^{s}	18	5	NB on skeleton tower.	
16960	- Reef Buoy A	47 31.8 122 29.6				White and orange bands; spherical bands.	Private aid.
16965	- Reef Buoy B	47 31.7 122 29.4				White and orange bands; spherical buoy.	Private aid.
16970	**Fauntleroy Cove Fog Signal**	47 31.4 122 23.7					SIREN: 1 blast ev 24^{s} (4^{s} bl). Private aid.
16975	*Puget Sound Traffic Lane Separation Lighted Buoy TA*	47 26.9 122 24.2	Fl Y 4^{s}		6	Orange and white bands.	
16980	THREE TREE POINT LIGHT	47 27 122 22.8	Fl W 2^{s}	25	11	White skeleton tower. 20	HORN: 1 blast ev 15^{s} (2^{s} bl).
16985	Point Heyer Reef Buoy A	47 25.1 122 25.6				White and orange bands; spherical buoy.	Private aid.
16990	Point Heyer Reef Buoy B	47 25.2 122 25.5				White and orange bands; spherical buoy.	Private aid.
	Tramp Harbor Aquaculture						
16995	- *Lighted buoy 1*		Q Y			Marks Aquaculture facility.	Private aid.
17000	- *Lighted Buoy 2*		Q Y			Marks Aquaculture facility.	Private aid.
17005	- *Lighted Buoy 3*		Q Y			Marks Aquaculture facility.	Private aid.
17010	- *Lighted buoy 4*		Q Y			Marks Aquaculture facility.	Private aid.
17015	- *Lighted Buoy 5*		Q Y			Marks Aquaculture facility.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)						
	Tramp Harbor Aquaculture						
17020	*– Lighted Buoy 6*		Q Y			Marks Aquaculture facility.	Private aid.
	Three Tree Point Yacht Club						
17025	– Racing Buoy A					White spar buoy.	Private aid.
17030	– Racing Buoy I					White spar buoy.	Private aid.
17035	– Racing Buoy L					White spar buoy.	Private aid.
17040	*Des Moines Marina Approach Lighted Buoy 1*	47 24.1 122 20	Fl G 2.5^s			Green.	Private aid.
17045	Des Moines Marina Light 1A	47 24.1 122 19.9	F G	35		On pier.	Private aid.
17050	Des Moines Marina Light 3	47 24.1 122 19.8	F G	35		On pier.	Private aid.
17055	DES MOINES MARINA LIGHT 4	47 24.1 122 19.9	Q R	13	4	TR on breakwater.	
17060	Des Moines Marina Light 5	47 24.1 122 19.8	F G	35		On pier.	Private aid.
17065	DES MOINES MARINA LIGHT 7	47 23.8 122 19.8	Fl W 4^s	13	5	SW on dolphin.	
17070	**Robinson Point Light**	47 23.3 122 22.4	Fl (2) W 12^s 3^s fl 1^s ec 3^s fl 5^s ec	40	14	White octagonal tower. 38	HORN: 1 blast ev 30^s (3^s bl).
17075	*Puget Sound Traffic Lane Separation Lighted Buoy TB*	47 23.1 122 21.1	Fl Y 4^s Fl Y 2.5^s		6	Orange and white bands.	Fl Y 2.5^s, High intensity flash tube.
17080	Saltwater State Park Buoy	47 22.4 122 19.6				Orange and white bands.	Marks fish haven. Private aid.
17085	*Puget Sound Traffic Lane Separation Lighted Buoy TC*	47 19.5 122 27.3	Fl Y 4^s Fl Y 2.5^s		6	Yellow.	Fl Y 2.5^s, high intensity flash tube.
17090	**Browns Point Light**	47 18.4 122 26.6	Fl W 5^s	38	12	White tower. 31	HORN: 2 blasts ev 30^s (2^s bl-2^s si-2^s bl-24^s si). Light obscured from 217° to 002°.
17095	Quartermaster Harbor Shoal Buoy 2	47 21 122 28.6				Red nun.	
	Colvos Passage						
17100	POINT VASHON LIGHT	47 30.8 122 28.3	Fl W 4^s	17	5	NB on pile structure.	
17105	– LIGHT 3		Fl G 6^s	15	4	SG on pile.	
17110	– LIGHT 4		Fl R 6^s	15	5	TR.	
17115	– LIGHT 5		Fl G 4^s	17	5	SG.	
17120	– LIGHT 6	47 22.7 122 32.3	Fl R 4^s	15	4	TR on pile structure.	Light obscured from 022° to 153°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		WASHINGTON – Thirteenth District					
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)	N/W					
	Tacoma Harbor						
17125	**City Waterway Light**	47 15.7 122 26.1	Fl W 6^s	23	11	Light on pile; horn on dock.	HORN: 2 blast ev 20^s. (2^s bl-2^s si-2^s bl-14^s si).
17130	COMMENCEMENT BAY SHOAL LIGHT A	47 16.3 122 25.9	Q W	15	4	NW on pile structure worded DANGER SHOAL.	HORN: 1 blast ev 10^s (1^s bl).
17135	Puyallup Waterway Jetty Daybeacon 1	47 16.2 122 25.5				SG on dolphin.	
17140	SITCUM WATERWAY LIGHT	47 16.3 122 25.1	F R	14		On pile structure.	Private aid.
17145	BLAIR WATERWAY LIGHT	47 16.7 122 24.8	F R	12		Tower on dock.	Private aid.
17150	PORT OF TACOMA PIER NO. 5 LIGHT	47 16.5 122 24.9	F R	14			Private aid.
17155	PORT OF TACOMA PIER NO. 1 LIGHT	47 16.6 122 24.8	F R	11			Private aid.
17160	BLAIR TERMINAL LIGHT B	47 15.6 122 25.1	F R	11			Private aid.
17165	BLAIR TERMINAL LIGHT A	47 15.5 122 22.8	F R	11			Private aid.
17170	PIERCE BARGE TERMINAL LIGHT	47 15.2 122 22.8	F R	11			Private aid.
17175	PORT OF TACOMA PIER NO. 23 LIGHT A	47 17 122 24.7	F R	7			Private aid.
17180	PORT OF TACOMA PIER NO. 23 LIGHT B	47 17 122 24.5	F R	7			Private aid.
17185	**Hylebos Waterway West Fog Signal**	47 17.1 122 24.8				House on dock.	HORN: 1 blast ev 15^s (2^s bl). Private aid.
17190	PORT OF TACOMA PIER NO. 25 LIGHT	47 17.1 122 24.6	F R	7			Private aid.
17195	**Hylebos Waterway East Fog Signal**	47 17.1 122 24.6				Tower on dock.	BELL: 1 stroke ev 10^s. Private aid.
17200	HYLEBOS WATERWAY LIGHT LIGHT 1	47 17.2 122 24.7	Fl G 4^s	15	6	SG on dolphin.	
17205	Hylebos Waterway Buoy 3					Green can.	
17210	TYBEE MARINA ENTRANCE LIGHT	47 17.7 122 25.1	Q G				Private aid.
	Puget Sound						
17215	**Point Defiance Light**	47 19 122 32.8	Fl W 6s	21	11	NB on pile structure.	HORN: 1 blast ev 15^s (2^s bl).
17220	GIG HARBOR LIGHT 2			13	4	TR on skeleton tower.	Obscured from 162° to 267°.
17225	POINT EVANS LIGHT 4		Fl R 4^s	39	4	TR on pile.	
17230	**Tacoma Narrows Bridge West Pier Fog Signal**						HORN: Low-tone; 2 bl ev 30^s (2^s bl-4^s si-2^s bl-22^s si). Private aid.

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N/W

PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)

Puget Sound

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17235	**Tacoma Narrows Bridge East Pier Fog Signal**						HORN: High-tone; 1 bl ev 30^{s} (4^{s} bl). Private aid.
17240	STATE FISHERIES SALMON PEN LIGHTS	47 16.1 122 38.7	Q W (4)	5		Marks net on four corners.	Private aids.
17245	Fox Island Rock Buoy 1	47 16.5 122 38.7				Black can.	
17250	GIBSON POINT LIGHT 6		Fl W 4^{s}	22	5	TR on pile structure.	Light visible from 222° to 055°.
17255	Toliva Shoal Reef Buoy A	47 12.6 122 36.4				White and orange banded; spherical.	Private aid.
17260	Toliva Shoal Reef Buoy B	47 12.3 122 36.4				White and orange banded; spherical.	Private aid.
17265	*Toliva Shoal Lighted Bell Buoy*		Fl (2+1) R 6^{s}		5	Red and black bands.	
17270	EAGLE ISLAND LIGHT 7	47 11.3 122 41.7	Fl W 4^{s} (R sector)	18	5	SG on skeleton tower.	Red light from 076° to 118°.
17275	*Eagle Island Reef Lighted Buoy 9*	47 11.4 122 41.9	Fl G 2.5^{s}		3	Black.	
17280	DRAYTON PASSAGE LIGHT 2	47 10.6 122 44.5	Fl R 4^{s}	20	4	TR on dolphin.	
17285	Pitt Passage Rocks Daybeacon					NW on pile, worded DANGER SHOAL.	
17290	Pitt Passage North Shoal Daybeacon	47 13.6 122 42.7				NW on pile, worded DANGER SHOAL.	
17295	Wyckoff Shoal Buoy 1	47 14.5 122 42.8				Black can.	
17300	*Carr Inlet Acoustic Range Lighted Buoy*	47 16.5 122 42.6	Fl Y 4s		5	Orange and white bands.	
17305	Kopachuck State Park Buoy	47 18.6 122 41.4				Orange and white bands.	Marks fish haven Private aid.
17310	*Carr Inlet Lighted Buoy B*		F W			Orange and white bands.	Shows quick blue light during test operations. U.S. Navy maintained.
17315	*Carr Inlet Lighted Buoy C*		F W			Orange and white bands.	Shows quick yellow light during test operations. U.S. Navy maintained.
17320	Carr Inlet Test Buoy G	47 14.8 122 39				White can.	U.S.Navy maintained.
17325	Carr Inlet Test Buoy H	47 14.9 122 39.1				White Can.	U.S. Navy maitained.
17330	VON GELDERN COVE LIGHT	47 16.3 122 45.4	Fl W 8^{s}	22		TR on pile.	Private aid.
17335	*Carr Inlet Lighted Buoy K*		F W			Orange and white bands. bands.	U.S. Navy maintained.
17340	*Carr Inlet Lighted Buoy L*	47 14.9 122 38.9	Fl W 3^{s}			Orange.	U.S. Navy maintained.

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	WASHINGTON – Thirteenth District						
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)	N/W					
	Puget Sound						
17345	Tolmie Beach State Park Buoy	47 07.5 124 46.2				Orange and white bands.	Private aid.
17350	*Nisqually Flats Lighted Buoy 1*	47 06.7 122 41.9	Fl G 2.5^s		5	Black.	
17355	LYLE POINT LIGHT 2	47 07.4 122 41.8	Fl R 4^s	15	6	TR on dolphin.	
17360	*Nisqually Flats Lighted Buoy 3*		Fl G 4^s		4	Black.	
17365	DELVILS HEAD LIGHT 4	47 09.9 122 45.8	Fl R 6^s	16	4	TR on pile structure.	
17370	JOHNSON POINT LIGHT 5	47 10.6 122 48.8	Fl G 6^s	22	7	SG on pile structure.	HORN: 1 blast ev 30^s (3^s bl).
17375	ALLYN DOCK LIGHT	47 23 122 49.5	F W	14		On float at end of dock.	Private aid.
17380	Itsami Ledge Reef Buoy A	47 10.5 122 50.5				White and orange bands; spherical buoy.	Private aid.
17385	Itsami Ledge Reef Buoy B	47 10.5 122 50.2				White and orange bands; spherical buoy.	Private aid.
17390	ITSAMI LEDGE LIGHT 7		Fl W 4^s	20	5	SG on pile structure.	
17395	BRISCO POINT LIGHT 8		Fl R 4^s	40	4	TR on white house.	Light obscured from 105° to 242°.
17400	DOFFLEMYER POINT LIGHT	47 08.5 122 54.4	Iso W 6^s	30	9	White pyramidal tower.	HORN: 1 blast ev 15^s (2^s bl).
	Olympia Harbor						
17405	OLYMPIA SHOAL LIGHT	47 05.5 122 55.1	F R	25	8	NB on skeleton tower.	HORN: 1 blast ev 30^s (3^s bl). Measured speed course markers; white diamond daymark with red vertical stripe above white square daymark with red vertical stripe, mounted below regular daymark.
17410	WEST OLYMPIA SHOAL LIGHT 1	47 05.5 122 55.4	F R	21	5	SG on dolphin.	
17415	BUDD INLET LIGHT 2	47 05.5 122 55.8	Fl R 4^s	15	4	TR on dolphin.	
17420	OLYMPIA ENTRANCE LIGHT 3	47 05.1 122 55.5	Fl G 2.5^s	22	4	SG on white platform on dolphin.	
17425	*Olympia Entrance Lighted Buoy 2A*	47 05.1 122 55.7	Fl R 4^s	3		Red.	
17430	- RANGE FRONT LIGHT	47 03.9 122 54.3	Q G	15		KRB on dolphin.	Visible all around; higher intensity on rangeline.
17435	- RANGE REAR LIGHT 325 yards, 144.6° from front light.		Iso G 6s	40		KRB on skeleton tower.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PUGET SOUND - SEATTLE TO OLYMPIA (Chart 18448)	N/W					
	Olympia Harbor						
17440	OLYMPIA CHANNEL LIGHT 5		Fl G 4^{s}	17	5	SG on pile structure.	Measured speed course marker: White diamond daymark with red vertical stripe above white square daymark with red vertical stripe, mounted below regular daymark.
17445	*Olympia Channel Lighted Buoy 4*	47 04.4 122 55.7	Fl R 4^{s}		3	Red.	
17450	*Olympia Channel Lighted Buoy 6*		Fl R 2.5^{s}		3	Red.	
17455	East Bay Junction Daybeacon	47 03.9 122 54.4				JG on pile.	
17460	East Bay Light 1	47 03.7 122 53.9	Fl G 2.5^{s}		3	SG on pile.	
17465	EAST BAY LIGHT 2		Fl R 2.5^{s}	28	3	TR on pile.	
17470	East Bay Daybeacon 3					SG on pile.	
17475	EAST BAY LIGHT 4		Fl R 4^{s}	9	3	TR on platform.	
17480	OLYMPIA INNER RANGE FRONT LIGHT	47 04.1 122 54.4	Q W	14		KRB on dolphin.	
17485	OLYMPIA INNER RANGE REAR LIGHT 235 yards, 354° from front light.		Iso W 6^{s}	23		KRB on dolphin.	
17490	Olympia Channel Buoy 8					Red nun.	
17495	Olympia Channel Buoy 10					Red nun.	
17500	Olympia Turning Basin Buoy 12					Red nun.	
17505	Olympia Turning Basin Buoy 14					Red nun.	
17510	Olympia Turning Basin Buoy 16					Red nun.	
17515	Olympia Turning Basin Buoy 18					Red nun.	
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)						
	Admiralty Inlet						
17520	*Point Hudson Spit Lighted Bell Buoy 2*		Fl R 4^{s}		4	Red.	
17525	POINT HUDSON LIGHT	48 07 122 44.9	Iso R 6s	22	7	TR.	HORN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si-2^{s} bl-14^{s} si).
17530	PORT TOWNSEND FERRY DOLPHIN LIGHTS	48 06.9 122 45.1	(2) Q W	17		On piles.	Private aids.
17535	Point Hudson Marina Light	48 06.9 122 44.9	FY	24		On pipe.	Private aid.

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)						
	Admiralty Inlet						
17540	PORT TOWNSEND FERRY DOCK LIGHT	48 06.5 122 45.9	(2) F W				Private aid.
17545	PORT TOWNSEND BREAKWATER LIGHT 1	48 06.5 122 46.2	Fl G 4s	15	5	SG.	
17550	PORT TOWNSEND BREAKWATER LIGHT 2		Fl R 4s	15	4	TR.	
17555	CROWN ZELLERBACH DOCK LIGHT	48 05.6 122 47.5	F R	30		Pole on building.	HORN: 1 blast ev 19s (2s bl). Visible from 168° to 348°. Private aid.
17560	Crown Zellerbach Outfall Line Buoy	48 05.3 122 47.5				Orange and white bands.	Marks submerged end of outfall pipeline. Private aid.
17565	KALA POINT LIGHT 2	48 03.5 122 45.9	Fl R 4s	25	5	TR on skeleton tower.	
17570	PORT TOWNSEND FISH PEN LIGHTS	48 02.6 122 44.5	Q W	4			Private aids.
17575	PORT TOWNSEND CANAL LIGHT 4		Fl R 4s	16	5	TR on dolphin.	
17580	Port Townsend Canal Daybeacon 7					SG on dolphin.	Ra ref.
17585	PORT TOWNSEND CANAL LIGHT 6		Fl R 4s	6	5	TR.	
17590	Oak Bay Buoy 2	48 00.2 122 41.5				Red nun.	
	Killsut Harbor						
17595	- Buoy 2	48 04.8 122 44.5				Red nun.	
17600	- Buoy 3					Green can.	
17605	- Buoy 5					Green can.	
17610	- Daybeacon 6					TR on pile.	Ra ref.
17615	- Daybeacon 8					TR on pile.	Ra ref.
17620	- Daybeacon 9					SG on pile.	Ra ref.
17625	- Daybeacon 10					TR on pile.	Ra ref.
17630	- Daybeacon 12					TR on pile.	Ra ref.
17635	- Daybeacon 13					SG on pile.	Ra ref.
17640	- Daybeacon 15					SG on pile.	Ra ref.
17645	- Daybeacon 16					TR on pile.	Ra ref.
17650	- Daybeacon 17					SG on pile.	Ra ref.
	Mats Mats Bay						
17655	- *Entrance Lighted Bell Buoy 1*	47 57.8 122 40.2	Q G		4	Black.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)						
	Mats Mats Bay						
17660	Klas Rocks Buoy 2	47 57.7 122 40.2				Red nun.	
17665	- CHANNEL LIGHT 3	47 57.7 122 40.8	Fl G 4^{s}	15	4	SW.	
17670	- CHANNEL LIGHT 5	47 57.7 122 41	Q G	10	4	SW.	
17675	- RANGE FRONT LIGHT	47 57.7 122 41.1	Q R	17		KRB on tower.	
17680	- RANGE REAR LIGHT 63 yards, 261.2° from front light.		Iso R 6^{s}	28		KRB on skeleton tower.	
17685	- Buoy 6					Red nun.	
17690	- CHANNEL LIGHT 7	47 57.4 122 41.1	Fl G 4^{s}	25	4	SG on skeleton tower.	
17695	- Buoy 8	47 57.4 122 41.1				Red nun.	
	Hood Canal						
17700	COLVOS ROCKS LIGHT	47 57.1 122 40.1	Fl W 4^{s}	34	5	NB on skeleton tower.	
17705	Port Ludlow Buoy 2	47 56.5 122 39.4				Red nun.	
17710	PORT LUDLOW LIGHT 4	47 55.3 122 40.8	Q R	15	3	TR on dolphin.	
17715	MEYDENBAUER YACHT CLUB MOORING PIER LIGHT	46 55 122 41.4	F Y	8			Private aid.
17720	TALA POINT JUNCTION LIGHT	47 55.9 122 39.3	Fl (2+1) R 6^{s}	15	5	JR on dolphin.	
17725	FOUL WEATHER BLUFF LIGHT 1	47 55.9 122 37.1	Fl G 4^{s}	21	6	SG on skeleton tower.	Obscured from 202° to 335°. Ra ref.
17730	POINT HANNON LIGHT 2	47 53.3 122 36.5	Fl W 4^{s}	15	5	TR on skeleton tower.	
17735	PORT GAMBLE RANGE FRONT LIGHT	47 52.8 122 34.6	Q W	26		KWB on skeleton tower.	Visible all around; higher intensity on rangeline.
17740	PORT GAMBLE RANGE REAR LIGHT 300 yards, 001° from front light.		Iso W 6^{s}	40		KWB on dolphin.	Visible 4° each side of rangeline.
17745	PORT GAMBLE LIGHT 1	47 51.8 122 34.6	Fl G 4^{s}	15	4	SG on dolphin.	
17750	PORT GAMBLE INNER LIGHT 3		Fl G 6^{s}	18	5	SG on dolphin.	
17755	**- Bridge West Channel Fog Signal**	47 52 122 38					HORN: 1 blast ev 20^{s} (2^{s} bl). Private aid.
17760	**- Bridge Main Channel Fog Signal**						HORN: 1 blast ev 30^{s} (3^{s} bl). Private aid.

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ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)

Hood Canal

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		N/W					
17765	**– Bridge East Channel Fog Signal**						HORN: 1 blast ev 20^{s} (2^{s} bl). Private aid.
17770	SISTERS ROCK LIGHT 4	47 51.5 122 38.4	Fl R 4^{s}	15	5	TR on skeleton tower.	
17775	Case Shoal Daybeacon	47 51.5 122 40.4				NW on pile; worded DANGER SHOAL.	
17780	CASE SHOAL LIGHT 6	47 50.7 122 40.1	Fl R 2.5^{s}	15	5	TR on pile.	Ra ref.
17785	– LIGHT 5	47 49.5 122 38.8	Fl G 2.5^{s}	15	5	SG on pile.	Ra ref.
17790	LOFALL FERRY TERMINAL LIGHT		F Y	20		Pile structure.	Private aid.
17795	SOUTH POINT FERRY TERMINAL LIGHT		F Y	20		Pile structure.	Private aid.
17800	– LIGHT 8	47 48.8 122 42.8	Fl W 4^{s}	15	8	TR on dolphin.	Higher intensity beam down channel.
17805	– LIGHT 7		Fl G 4^{s}	15	5	SG on pile structure.	
17810	*Bangor Explosive Anchorage Lighted Buoy A*	47 45.8 122 43.4	Fl Y 6^{s}		6	White.	
17815	Navy Restricted Area Buoy A	47 46.6 122 43				Yellow can.	Marks restricted area. U.S. Navy maintained.
17820	– LIGHT 10		Fl R 4^{s}	16	4	TR.	High intensity beam up and down channel. Light obscured from 029° to 170°.
17825	Trident Submarine Range Front Daybeacon	47 45.2 122 45.3				KRW on pile.	Private aid.
17830	Trident Submarine Range Rear Daybeacon 250 yards, 233° from front daybeacon.					KRW on pile.	Private aid.
17835	*Bangor Explosive Anchorage Lighted Buoy B*		Fl Y 6^{s}		6	White.	
17840	HAZEL POINT LIGHT	47 41.6 122 46.1	Fl W 4^{s}	15	5	NB on pile.	Ra ref.
17845	– LIGHT 11	47 41.6 122 44.8	Fl G 4^{s}	15	6	SG on dolphin.	Ra ref.
17850	OAK HEAD LIGHT 12	47 40.9 122 48.6	Fl R 4^{s}	15	5	TR on pile.	Ra ref.
17855	HOOD CANAL LIGHT 11A	47 39.7 122 47.1	Fl G 2.5s	20	6	SG on pile.	Ra ref.
17860	– LIGHT 13	47 39.7 122 49.1	Q G	15	5	SG on dolphin.	Ra ref.

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)	N/W					
	Hood Canal						
17865	TSKUTSKO POINT LIGHT	47 41.5 122 49.9	Fl W 4^s	15	5	NB on pile.	Ra ref.
17870	DOSEWALLIPS FLATS LIGHT 15	47 41.2 122 52.6	Fl G 4^s	15	5	SG on pile.	Ra ref.
17875	PULALI POINT LIGHT	47 44.2 122 51	Fl W 4^s	30	5	NG on white house.	Ra ref.
17880	Seal Rock Daybeacon	47 42.9 122 52.9				NW on pipe worded DANGER ROCKS.	
17885	Dabob Bay Aquaculture Daybeacon	47 43.3 122 52.9				NW on aquaculture facility worded DANGER SUBMERGED RAFTS.	Private aid.
17890	WHITNEY POINT WARNING LIGHT	47 45.7 122 51	Fl R 15^s Fl G 15^s	35			A Fl R 15^s light will be displayed when the area is closed to navigation during naval operations. A Fl G 15^s light will be displayed when naval operations in the area require caution. U.S. Navy maintained.
17895	QUILCENE BAY LIGHT 2	47 46.7 122 51.1	Fl R 4^s	26	5	TR on pile.	Obscured from 170° to 260°. Ra ref.
17900	TABOOK POINT LIGHT	47 44.8 122 48.5	Fl W 4^s	15	5	NR on pile.	Ra ref.
17905	LYNCH COVE DOCK LIGHT 1	47 25.3 122 54	F W	14			Private aid.
17910	LYNCH COVE DOCK LIGHT 3		F W	14			Private aid.
	Puget Sound						
	Port Madison and Port Orchard						
17915	POINT MONROE LIGHT	47 42.5 122 30.6	Iso W 6^s	30 9	6	NG on skeleton tower.	Obscured from 321° to 089°.
17920	INDIANOLA PIER LIGHT	47 44.7 122 31.5	Q W	25			Private aid.
17925	Treasure Island Shoal Daybeacon 2	47 41.9 122 32.1				TR on pile.	
17930	AGATE PASSAGE LIGHT 2		Fl R 4^s	20	5	TR on dolphin.	
17935	Agate Point Buoy 2A					Red nun.	
17940	*Agate Passage Lighted Buoy 4*	47 42.5 122 34.1	Fl R 4s		4	Red.	
17945	AGATE PASS SALMON PEN LIGHT	47 42.3 122 34.6	Q W				Private aid.
17950	POINT BOLIN REEF LIGHT 6	47 41.8 122 34.5	Fl R 2.5^s	15	4	TR on dolphin.	Ra ref.
17955	Misery Point Reef Buoy A	47 39.6 122 49.6				White and orange bands; spherical buoy.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)	N/W					
	Puget Sound						
	Port Madison and Port Orchard						
17960	Misery Point Reef Buoy B	47 39.4 122 49.9				White and orange bands; spherical buoy.	Private aid.
17965	BATTLE POINT LIGHT		Fl W 4^s	17	5	NB on dolphin.	
	Port of Poulsbo						
17970	Liberty Bay Daybeacon 2	47 42.4 122 37.6				TR on pile.	
17975	LIBERTY BAY MARINA LIGHTS (2)		(2) F R		2	Marks corner of marina.	Private aids.
17980	POULSBO YACHT CLUB BREAKWATER LIGHTS	47 43.6 122 38.5	(2) F Y			Concrete breakwater.	Private aids.
17985	– SOUTH BREAKWATER LIGHT B		Fl W 10^s				Private aid.
17990	– MIDDLE BREAKWATER LIGHT C		Fl W 5^s	16			Private aid.
17995	– NORTH BREAKWATER LIGHT D		Fl R 5^s	16		Dolphin.	Private aid.
	Eagle Harbor						
18000	CREOSOTE LIGHT 1		Fl G 6^s	30	7	SG on dolphin.	
18005	– LIGHT 3		Fl G 2.5^s	15	5	SG on dolphin.	BELL: 1 stroke ev 10^s.
18010	– LIGHT 4	47 37.3 122 29.8	Fl R 4^s	15	4	TR on dolphin.	Higher intensity beam down channel.
18015	– Sand Spit Buoy 5					Black can.	
18020	EAGLE HARBOR MARINA LIGHTS		(2) F R		4		Private aids.
18025	WINSLOW WHARF COMPANY MARINA LIGHT		F R	10		On pile.	Private aid.
	Rich Passage						
18030	*Bainbridge Reef Lighted Bell Buoy 4*	47 34.2 122 31.1	Fl R 4^s		4	Red.	
18035	ORCHARD POINT LIGHT	47 33.9 122 31.8	Oc W 4^s	34	9	White pyramidal concrete tower.	HORN: 2 blasts ev 20^s (2^s bl-2^s si-2^s bl-14^s si).
18040	*Orchard Rocks Lighted Buoy 4*		Fl R 4^s		4	Red	
18045	CLAM BAY FISH PEN LIGHTS		(2) Q W	4		On pile.	Private aid.
18050	ORCHARD ROCKS FISH PEN LIGHTS	47 34.6 122 31.7	Fl Y 6^s Q W			North light yellow; south light white.	Private aid.
18055	Orchard Rocks Daybeacon					JR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	ADMIRALTY INLET TO PUGET SOUND AND SEATTLE (Chart 18441)	N/W					
	Rich Passage						
	Port Madison and Port Orchard						
18060	BEANS POINT FISH PEN LIGHTS		(2) Q W	4		On pedestal.	Private aid.
18065	– *Lighted Buoy 8*		Fl R 2.5^{s}		3	Red.	
18070	POINT GLOVER LIGHT 9		Fl W 4^{s}	25	6	SG on white house on pile structure.	Higher intensity beam up and down channel. HORN: 1 blast ev 30^{s} (3^{s} bl).
18075	POINT WHITE LIGHT 10		Fl R 4^{s}	15	5	TR on dolphin.	Ra ref.
18080	WATERMAN POINT LIGHT 11	47 35.1 122 34.2	Oc G 4^{s}	26	7	SG on white square house on black cylindrical base.	HORN: 1 blast ev 15^{s} (2^{s} bl).
	Sinclair Inlet						
18085	POINT HERRON LIGHT 12	47 33.9 122 36.7	Fl R 6^{s}	24	7	TR on pile structure.	HORN: 1 blast ev 30^{s} (3^{s} bl).
18090	PORT ORCHARD MARINA ENTRANCE LIGHT 1		Fl G 4^{s}	10		On pedestal.	Private aid.
18095	PORT ORCHARD MARINA ENTRANCE LIGHT 2		Fl R 4^{s}	5		On pedestal.	Private aid.
18100	PORT ORCHARD FLOATING-BREAKWATER LIGHTS		(2) Fl Y 4s	7			Private aids.
18105	BASS POINT LIGHT	47 35.7 122 39.6	F W	15		On pile structure.	Private aid.
	LAKE WASHINGTON SHIP CANAL (Chart 18447)						
	Shilshole Bay						
18110	– *Approach Lighted Bell Buoy*	47 40.9 122 25.1	Mo (A) W		6	Red and white stripes.	
18115	– ENTRANCE RANGE FRONT LIGHT	47 40 122 24.1	Q R	20		KRB on dolphin.	Visible 4° each side of rangeline.
18120	– ENTRANCE RANGE REAR LIGHT 250 yards, 146° from front light.		Iso R 6^{s}	81		KRB on skeleton tower.	Visible 4° each side of rangeline.
18125	– Entrance Buoy 1	47 40.8 122 24.8				Black can.	
18130	– Entrance Buoy 2					Red nun.	
18135	– Channel Buoy 4					Red nun.	
18140	– BREAKWATER LIGHT 3	47 40.6 122 24.7	Fl G 2.5^{s}	22	5	SG on white house.	HORN: 2 blasts ev 20^{s} (2^{s} bl-2^{s} si- 2^{s} bl-14^{s} si)
18145	– Channel Buoy 6					Red nun.	
18150	– Channel Buoy 7					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	N/W **LAKE WASHINGTON SHIP CANAL (Chart 18447)**						
	Shilshole Bay						
	Port Madison and Port Orchard						
18155	– INNER LIGHT 8	47 40.3 122 24.4	Fl R 4^{s}	15	3	TR on dolphin.	
18160	– Channel Buoy 10					Red nun.	
18165	**Lower Guide Wall Light**	47 40.1 122 24.2	F W	8	11	Pile structure.	Maintained by Corps of Engineers, U.S. Army.
18170	LAKE WASHINGTON SHIP CANAL SIGNALS		F R (See Remarks) F G	10			If neither light is shown vessels bound for large lock must stop at Stop sign (below small lock) until directed to proceed. Red light must not be passed by vessels bound for large lock; green light indicates that they may proceed. Vessels bound for small lock may disregard lights and proceed to Stop sign below that lock. Maintained by Corps of Engineers, U.S. Army.
18175	UPPER GUIDE WALL LIGHT		F R	14		On pile structure.	Maintained by Corps of Engineers, U.S. Army.
18180	NORTHERN COMMERCIAL MARINE PIER LIGHT	47 38.6 122 20.4	F R	4			Private aid.
	Lake Union						
18185	– Test Area Lighted Buoy A	47 38.4 122 20.2	Fl Y 2.5^{s}			Yellow.	Marks rectangular test area. Private aid.
18190	– Test Area Lighted Buoy C		Fl Y 2.5^{s}			Yellow.	Marks rectangular test area. Private aid.
18195	– Test Area Lighted Buoy B		Fl Y 2.5^{s}			Yellow.	Marks rectangular test area. Private aid.
18200	– Test Area Lighted Buoy D		Fl Y 2.5^{s}			Yellow.	Marks rectangular test area. Private aid.
18205	– Buoy 13					Black can.	
18210	– Shoal Buoy 2	47 37.8 122 20.2				Red nun.	
18215	NATIONAL OCEAN SURVEY DOLPHIN LIGHT	47 38.2 122 19.8	F R	15		Dolphin.	Maintained by National Ocean Survey, Seattle Washington.
18220	FLO VILLA LIGHTS		(2) F R	10		Dolphin.	Private aids.
18225	– Channel Buoy 16					Red nun.	
18230	University of Washington Barge Light A		F W	21		On bow of permanently moored barracks barge.	Private aid.
18235	University of Washington Barge Light B		F W	20		On stern of permanently moored barracks barge.	Private aid.
18240	Portage Bay Channel Buoy 24					Red nun.	
	Union Bay Channel						
18245	– Buoy 27					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	LAKE WASHINGTON SHIP CANAL (Chart 18447)	N/W					
	Union Bay Channel						
	Port Madison and Port Orchard						
18250	– Buoy 28					Red nun.	
18255	– Buoy 29					Black can.	
18260	– Buoy 30					Red nun.	
18265	– Buoy 31					Black can.	
18270	WEBSTER POINT LIGHT 33	47 38.9 122 16.5	**Fl G 4^s**	19	6	SG on white house on pile structure.	Light obscured from 121° to 199°.
18275	Juanita Bay Buoy 2	47 41.7 122 13				Red nun.	
18280	Juanita Bay Daybeacon 4	47 41.8 122 13				TR on pile.	
18285	Juanita Bay Buoy 6	47 41.9 122 13				Red nun.	
18290	NOAA PIER CLEARANCE LIGHTS		**(2) F R**	20		Marks northwest and northeast corners of pier.	Private aids.
18295	*Kenmore Channel Lighted Buoy 2*	47 45.2 122 15.7	**Fl R 2.5^s**		3	Red.	
18300	*Kenmore Channel Lighted Buoy 4*	47 45.2 122 15.6	**Fl R 4^s**		3	Red.	
18305	**Evergreen Point Bridge North Fog Signal**					Fender pontoon.	HORN: (low tone) 1 blast ev 30^s (4^s bl). Private aid.
18310	**Evergreen Point Bridge South Fog Signal**					Fender pontoon.	HORN: (high tone); 2 blasts ev 30^s. (2^s bl-2^s si-2^s bl-24s si). Private aid.
	Corithian Yacht Club						
18315	– Buoy B					Orange and white bands; spar.	Private aid.
18320	– Buoy C					Orange and white bands; spar.	Private aid.
18325	– Buoy G					Orange and white bands; spar.	Private aid.
18330	– Buoy H					Orange and white bands; spar.	Private aid.
18335	– Buoy J					Orange and white bands; spar.	Private aid.
18340	– Buoy K					Orange and white bands; spar.	Private aid.
18345	– Buoy L					Orange and white bands; spar.	Private aid.
18350	– Buoy M					Orange and white bands; spar.	Private aid.
18355	– Buoy N					Orange and white bands; spar.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	LAKE WASHINGTON SHIP CANAL N/W **(Chart 18447)**						
	Corinthian Yacht Club						
	Port Madison and Port Orchard						
18360	- Buoy S					Orange and white bands; spar.	Private aid.
18365	- Buoy Y					Orange and white bands; spar.	Private aid.
18370	- Buoy Z					Orange and white bands; spar.	Private aid.
18375	BELLEVUE MARINA DOCK LIGHTS	47 36.6 122 12.5	(2) F R	4			Private aids.
18380	MEYDENBAUER BAY YACHT CLUB LIGHTS	47 36.5 122 12.5	(3) F R (3) F G	10			Red light on left end and green light on right end of each pier as seen from the bay. Private aids.
18385	SOUTH LESCHI BREAKWATER LIGHTS		(5) F R	10		Dolphin.	Marks breakwater. Private aids.
18390	Andrews Bay Daybeacon					NW on pile worded DANGER SUBMERGED ROCKS.	
18395	MERCER ISLAND PIER LIGHT	47 32.6 122 12.4	F W	14			Private aid.
	Squaxin Passage						
18400	HUNTER POINT LIGHT	47 10.5 122 55.1	Fl W 4^s	15	11	SG on pole.	
18405	- Reef Buoy 2					Red nun.	
18410	CARLYON BEACH LIGHT	47 10.9 122 56.2	Q W	15			Private aid.
	Hammersley Inlet						
18415	Totten Inlet Daybeacon 1	47 11.3 122 56.5				SG on pile.	
18420	ARCADIA LIGHT	47 11.9 122 56.2	Fl G 4^s	18	4	SG.	
18425	- Buoy 1					Green can.	
18430	- Buoy 2					Red nun.	
18435	LIBBY POINT LIGHT		Fl R 4^s	18	4		
18440	CHURCH POINT LIGHT 6		Fl W 4^s	20	4	TR.	
18445	Johnson light	47 12.3 123 01.8					Private aid.
18450	PEALE PASSAGE FISH PEN LIGHTS	47 11.7 122 54.2	(2) Q R				Private aids.
	Possession Sound						
18455	*Possession Point Lighted Bell Buoy 1*	47 53.8 122 23	Fl W 4^s		6	Green.	
18460	**Mukilteo Light**	47 56.9 122 18.3	Fl W 5^s	33	14	White octagonal tower attached to building. 30	HORN: 1 blast ev 30^s (3^s bl).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	N/W **LAKE WASHINGTON SHIP CANAL (Chart 18447)**						
	Possession Sound						
	Port Madison and Port Orchard						
18465	WASHINGTON STATE FERRY DOLPHIN LIGHT	47 57 122 18.1	**Fl W** 4^s	16			Private aid.
18470	Gedney Island Fishing Reef Buoy A	47 59.8 122 18.6				White and orange bands; spherical buoy.	Private aid.
18475	Gedney Island Fishing Reef Buoy B	47 59.9 122 18.4				White and orange bands; spherical buoy.	Private aid.
18480	Gedney Island Buoy 1	48 00.3 122 17.7				Green can.	
18485	HAT ISLAND MARINA BREAKWATER LIGHT 1	48 01.3 122 19.2	**F G**	12		On pipe.	Private aid.
18490	HAT ISLAND MARINA BREAKWATER LIGHT 2	48 01.2 122 19.2	**Fl R**	12		On pile structure.	Private aid.
	Port Gardner						
18495	STEAMBOAT FLATS LIGHT	48 00.9 122 16.2	**Fl W** 2.5^s	15	5	NB on pile.	Obscured from 236° to 308°. Ra ref.
18500	*- Lighted Bell Buoy 1*		**Fl G** 6^s		5	Black.	
18505	*- Anchorage Obstruction Lighted Buoy AO*	47 58.9 122 13.9	**Fl Y** 6^s		4	Yellow.	
	Snohomish River						
18510	- ENTRANCE RANGE FRONT LIGHT	47 59.5 122 13.3	**Q R**	18		KRB on skeleton tower.	Visible 4° each side of rangeline.
18515	- ENTRANCE RANGE REAR LIGHT 1063 yards, 037.4° from front light.		**Iso R** 6^s	100		KRB on skeleton tower.	Visible 4° each side of rangeline.
18520	*- Lighted Buoy 3*	47 58.9 122 13.9	**Fl G** 2.5^s		4	Black.	
18525	- LIGHT 2	47 59.1 122 13.7	**Oc R** 4^s	14	8	TR	HORN: 1 blast ev 30^s (3^s bl).
18530	*- Lighted Buoy 4A*		**Fl R** 4^s		4	Red.	
18535	- LIGHT 5		**Fl G** 4^s	17		SG on dolphin.	
18540	NORTON TERMINAL PIER LIGHTS		(2) **Fl R** 2^s	9		Marks northwest and southwest corner of pier.	Private aids.
18545	Anthonys Lighthouse	47 59.7 122 13.4	**Fl W** 2.5^s	60	10	Red and white wooden building.	Private aid.
18550	- RANGE FRONT LIGHT	48 00.9 122 13.4	**Q G**	17		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
18555	- RANGE REAR LIGHT 339 yards, 002.5° from front light.		**Iso G** 6^s	40		KRB on same structure as Snohomish River Range C Rear Daybeacon.	Visible all around; higher intensity on rangeline.
18560	- Range A Front Daybeacon	48 00.6 122 13.5				KRB on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	LAKE WASHINGTON SHIP CANAL (Chart 18447)						
	Snohomish River						
	Port Madison and Port Orchard						
18565	- Range A Rear Daybeacon 79 yards, 213°42′ from front daybeacon.					KRB on skeleton tower.	
18570	- Range B Front Daybeacon	48 00.9 122 13.4				KRB on skeleton tower.	
18575	- Range B Rear Daybeacon 233 yards, 236.1° from front daybeacon.					KRB on skeleton tower.	
18580	- Range C Front Daybeacon	48 01.1 122 13.1				KRB on skeleton tower.	
18585	- Range C Rear Daybeacon 267 yards, 255.1° from front daybeacon.					KRB on skeleton tower.	
18590	- CHANNEL LIGHT 6		Fl R 4s	15	5	TR on pile.	
	Tulalip Bay						
18595	- Buoy 2	48 03.3 122 17.6				Red nun.	
18600	PORT SUSAN MUSSEL RAFT LIGHT	48 10.3 122 26.5	Fl W 4^s	5			Private aid.
18605	Camano Head Buoy 1					Black can.	
18610	SANDY POINT LIGHT 1	48 02.1 122 22.5	Fl G 4^s	24	5	SG.	
18615	Holmes Harbor Buoy 1					Black can.	
18620	EAST POINT LIGHT 3		Fl G 6^s	21	6	SG on pile structure.	
18625	- LIGHT 4		Fl R 4^s	15	5	TR.	
18630	ONAMAC POINT LIGHT 6		Fl R 6^s	15	5	TR.	
18635	*Race Lagoon Mussel Raft Lighted Buoy A*		Fl Y 4^s			Yellow.	Private aid.
18640	Onomac Point Reef Buoy A	48 11.3 122 32.4				White and orange bands; spherical buoy.	Private aid.
18645	PENN COVE MUSSEL RAFT LIGHTS	48 13.2 122 42.2	(4) Q W			On two 40 foot by 60 foot wooden rafts.	Private aids.
18650	Onomac Point Reef Buoy B	48 11.1 122 32.4				White and orange bands; spherical buoy.	Private aid.
18655	WEST COAST BLUE MUSSEL RAFT LIGHT	48 13.2 122 42.2	Q W			Marks 50 foot by 25 foot aquaculture facility.	Private aid.
18660	Snatelum Point Buoy 1					Black can.	
18665	PENN COVE FISH PEN LIGHT	48 14 122 43	Q W	6	1	On a raft.	Private aid.
18670	ROLLING HILLS PIER LIGHT	48 14.2 122 42.5	Fl Y 2.5^s	16		End of pier.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	LAKE WASHINGTON SHIP CANAL (Chart 18447)	N/W					
	Oak Harbor						
	Port Madison and Port Orchard						
18675	- *Lighted Buoy 2*	48 15.5 122 37.5	Fl R 4^s		3	Red.	
18680	- Daybeacon 4					TR on pile.	
18685	- LIGHT 5		Fl G 4s	15	5	SG on dolphin.	
18690	- Shoal Buoy 5A					Green can.	
18695	- Buoy 7	48 16.3 122 38.9				Black can.	
18700	- *Lighted Buoy 8*		Fl R 6^s		4	Red.	
18705	- Daybeacon 10					TR on pile.	
18710	- LIGHT 11		Fl G 6^s	15	5	SG on dolphin.	
18715	- LIGHT 12		Fl R 2.5^s	22	3	TR on dolphin.	
18720	- Daybeacon 14					TR on pile.	
18725	MARINA NORTH BREAKWATER LIGHT		Q W	5		On floating barge.	Private aid.
18730	MARINA MIDDLE BREAKWATER LIGHT		Q W	5		On floating barge.	Private aid.
18735	MARINA SOUTH BREAKWATER LIGHT		Q W	5		On floating barge.	Private aid.
18740	MARINA ENTRANCE LIGHT 1	48 17.1 122 38	Fl G 4^s	19		On pile.	Private aid.
18745	MARINA ENTRANCE LIGHT 2		Fl R 4^s	17		On pile.	Private aid.
	Saratoga Passage						
18750	POINT POLNELL LIGHT	48 16.4 122 33.5	Fl W 6^s	100	6	NB on pole.	Higher intensity beam toward Onamac Point.
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Skagit Bay						
18755	- Buoy 2	48 16.3 122 30.2				Red nun.	
18760	STRAWBERRY POINT LIGHT 3	48 18 122 30.1	Fl G 4^s	17	5	SG on dolphin.	
18765	- *Lighted Buoy 4*	48 18.2 122 29	Fl R 4^s		4	Red.	
18770	- Buoy 6					Red nun.	
18775	- *Lighted Buoy 8*		Fl R 4^s		4	Red.	
18780	- Buoy 10	48 21.1 122 32.9				Red nun.	
	Swinomish Channel South Entrance						
18785	- Buoy 1	48 21.8 122 33.2				Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Swinomish Channel South Entrance						
	Port Madison and Port Orchard						
18790	- *Lighted Buoy 2*		Fl R 2.5s		4	Red.	
18795	- Buoy 4					Red nun.	
18800	- Daybeacon 6					TR on pile.	
18805	- Daybeacon 8					TR on pile.	
18810	- Daybeacon 10					TR on pile.	
18815	- LIGHT 11		Fl G 4s	10	5	SG on white platform on dolphin.	Obscured from 072° to 255°.
18820	- RANGE FRONT LIGHT	48 21.6 122 34	Q W	16		KRB on skeleton tower.	Visible all around; higher intensity on rangeline.
18825	- RANGE REAR LIGHT 1,100 yards 252° from front light.		Iso W 6s	40		KRB on skeleton tower.	Visible 4° each side of rangeline.
18830	- Light 13	48 22.3 122 30.6	Q G	15	3	SG on house on concrete crib.	
18835	- LIGHT 14		Q R	15	4	TR.	
18840	- LIGHT 16	48 23 122 30.3	Fl R 4s	15	4	TR on dolphin.	
18845	LA CONNER MARINA LIGHT	48 24 122 29.7	F R	8		On pile structure.	Private aid.
18850	LA CONNER RANGE FRONT LIGHT 18	48 24.8 122 29.7	Q W	15		KRB on dolphin, TR oriented up channel.	Visible all around; higher intensity on rangeline.
18855	LA CONNER RANGE REAR LIGHT 180 yards 002° from front light.		Iso W 6s	23		KRB on skeleton tower.	Visible 4° each side of rangeline.
18860	- Buoy 19					Green can.	
18865	- Buoy 20					Red nun.	
18870	- LIGHT 21	48 25.5 122 30.1	Fl G 4s	27	5	SG on dolphin.	Higher intensity beam up channel.
18875	- Buoy 22	48 25.5 122 29.9				Red nun.	
18880	SEAL ROCKS LIGHT 12	48 22.4 122 33.7	Fl R 4s	20	4	TR.	
18885	HOPE ISLAND LIGHT 14		Fl R 2.5s	23	4	TR on skeleton tower.	
	Deception Pass						
18890	BEN URE ISLAND LIGHT 2	48 24.2 122 37.6	Fl R 4s	25	4	TR on tower.	
18895	- LIGHT 1		Fl G 4s	60	6	SG on white cylindrical house on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Coronet Bay						
	Port Madison and Port Orchard						
18900	- Daybeacon 1					SW with black number on pile.	Private aid.
18905	- Daybeacon 2					SW with red number on pile.	Private aid.
18915	- Daybeacon 3					SW with black number on pile.	Private aid.
18920	- Daybeacon 4					SW with red number on pile.	Private aid.
18925	- Daybeacon 5					SW with black number on pile.	Private aid.
18930	- Daybeacon 6					SW with red number on pile.	Private aid.
18935	- Daybeacon 7					SW with black number on pile.	Private aid.
18940	- Daybeacon 8					SW with Red number on pile.	Private aid.
	Guemes Channel						
18945	-*Lighted Buoy 2*	48 30.6 122 41.8	Fl R 2.5^s		4	Red.	Ra ref.
18950	FERRY TERMINAL LIGHT B		Q W	12		On dolphin.	Private aid.
18955	FERRY TERMINAL LIGHT A	48 30.5 122 40.5	Q W	12		On dolpjhin.	Private aid.
18960	SHANNON POINT LIGHT 2	48 30.6 122 40.9	Fl W 4^s		6	TR on dolphin.	HORN: 1 blast ev 30^s (3^s bl). Operates continuously.
18965	- *Lighted Buoy 3*		Fl G 2.5^s		5	Black.	
18970	- *Lighted Buoy 4*		Fl R 4^s		4	Red.	
18975	- *Lighted Buoy 5*		Fl G 4^s		5	Black.	
	Fidalgo Bay						
	Anacortes Harbor						
18980	**Port Dock Fog Signal**	48 31.4 122 36.7					SIREN: 2 blasts ev 60^s (7^s bl-10^s si-3^s bl-40^s si) Private aid.
18985	ANACORTES DOCK LIGHTS	48 31.3 122 36.4	(2) F R	10		Dock.	Private aid.
18990	Capsante Waterway Daybeacon 1	48 30.7 122 35.9				SG on pile.	Ra ref.
18995	CAPSANTE WATERWAY LIGHT 2		Fl R 2.5^s	15	3	TR on dolphin.	
19000	Capsante Waterway Daybeacon 3					SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Fidalgo Bay						
	Anacortes Harbor						
19005	Capsante Waterway Daybeacon 4					TR on dolphin.	
19010	CAPSANTE WATERWAY LIGHT 5		Fl G 4^s	14	5	SG on dolphin.	
19015	CAPSANTE WATERWAY LIGHT LIGHT 6		Fl R 4^s	14	5	TR on dolphin.	
	Padilla Bay						
19020	– *Lighted Bell Buoy 4*	48 34.7 122 35.6	Fl R 4^s		4	Red.	
19025	– *Lighted Gong Buoy Buoy 5*	48 33.5 122 34.4	Fl G 4^s		4	Green.	
19030	HUCKLEBERRY ISLAND LIGHT 6	48 32.2 122 35.9	Fl R 2.5^s	73	4	TR on platform.	Ra ref.
19035	SADDLEBAG ISLAND LIGHT LIGHT 7	48 32.1 122 33.4	Fl G 2.5^s	26	4	SG on platform.	Ra ref.
	Fidalgo Bay						
	Anacortes Harbor, Secondary Channel						
19040	Fidalgo Bay Shoal Buoy 2					Red nun.	
19045	– *Junction Lighted Buoy A*	48 30.7 122 35.5	Fl (2+1) R 6^s		5	Red and black bands.	
19050	Anacortes Channel Buoy 3					Green can.	
19055	ANACORTES CHANNEL LIGHT LIGHT 4	48 30.5 122 35.8	Fl R 4^s		3	TR on pile structure.	
19060	ANACORTES MARINA ENTRANCE LIGHT	48 30.1 122 36	Fl W 2.5^s	11		On pile.	Private aid.
19065	TEXACO OIL COMPANY WHARF LIGHTS	48 30.6 122 34.6	(2) F R	25		Mooring platform.	Private aid.
19070	SHELL OIL COMPANY WHARF LIGHTS	48 30.5 122 34.1	(2) F R		30 25		HORN: 1 blast ev 30^s (2^s bl). Private aid.
	Swinomish Channel North Entrance						
19075	– LIGHT 2	48 30.7 122 33.3	Fl R 4^s	18	4	TR on dolphin.	Ra ref.
19080	– Buoy 4					Red nun.	
19085	– LIGHT 6	48 30 122 32.8	Fl R 6^s	15	5	TR on dolphin.	
19090	– Buoy 7					Black can.	
19095	– Buoy 8					Red nun.	
19100	– Buoy 12					Red nun.	
19105	– Buoy 13					Green can.	
19110	– Buoy 14					Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Swinomish Channel North Entrance						
19115	– Buoy 17					Green can.	
19120	– LIGHT 18		Fl R 4^s	18	4	TR on dolphin.	Ra ref.
19125	– Buoy 20					Red nun.	
19130	– Buoy 22					Red nun.	
19135	– Buoy 23					Black can.	
19140	– Buoy 28					Red nun.	
19145	– LIGHT 26		Fl R 4^s	15	4	TR on pile.	Ra ref.
19150	– Buoy 29					Green can.	
19155	– Buoy 30	48 27.7 122 30.9				Red nun.	
	Bellingham Channel						
19160	WILLIAM POINT LIGHT	48 35 122 33.5	Fl W 4^s	30	5	NB.	
19165	Yellow Bluff Reef Daybeacon 2	48 31.9 122 39.5				TR on dolphin.	Ra ref.
19170	– *Lighted Bell Buoy 4*	48 32.2 122 40	Fl R 4^s		5	Red.	
19175	– LIGHT 5	48 34 122 40	Fl G 4^s	16	5	SW.	Higher intensity beam up and down channel.
19180	– *Lighted Buoy 6*	48 35.4 122 39	Fl R 4^s		4	Red.	
19185	– LIGHT 7		Fl G 4^s	32	5	SW.	
19190	– Buoy 8	48 36.2 122 37.7				Red nun.	
19195	VENDOVI COVE LIGHT	48 36.9 122 36.6	Q W	15		Steel tower.	Private aid.
19200	VITI ROCKS LIGHT	48 38 122 37.3	Fl W 2.5^s	45	5	NB.	
19205	*Viti Rocks Lighted Bell Buoy 9*	48 37.8 122 37.1	Q G		3	Green.	
19210	VENDOVI ISLAND LIGHT 2	48 36.5 122 35.8	Fl R 6^s	13	5	TR on platform.	Ra ref.
19215	ELIZA ROCK JUNCTION LIGHT		Fl (2+1) G 6^s	21	5	JG.	
19220	*Post Point Lighted Bell Buoy 2*		Fl R 4^s		5	Red.	
19225	Starr Rock Buoy 4					Red nun.	
19230	*Georgia Pacific Outfall Lighted Buoy*	48 44 122 30.9	Q W			Orange and white bands.	Private aid.
19235	WHATCOM WATERWAY SECTOR LIGHT	48 44.6 122 29.6	Fl W 6^s (R sector)	15	W 9 R 7		Red from 306° to 035°, westerly edge covers Post Point Lighted Bell Buoy 2.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Bellingham Channel						
19240	WHATCOM WATERWAY RANGE FRONT LIGHT	48 45.1 122 29.1	**Q G**	41		KRB on platform on building.	Visible 15° each side of rangeline.
19245	WHATCOM WATERWAY RANGE REAR LIGHT 393 yards, 045°12′ from front light.		**Iso G** 6^{s}	70		KRB on skeleton tower.	Visible 15° each side of rangeline.
	Bellingham Bay						
19250	I&J WATERWAY LIGHT 1	48 44.9 122 30	**Fl G** 2.5^{s}	15	4	SG on pile.	
19255	I&J Waterway Daybeacon 2	48 45 122 29.8				TR on pile.	
19260	I&J WATERWAY LIGHT 3		**Fl G** 4^{s}	16	3	SG on pile.	
19265	BELLINGHAM BREAKWATER ENTRANCE LIGHT 2	48 45.2 122 30.4	**Oc R** 4^{s}	24	7	TR.	HORN: 1 blast ev 15^{s} (2^{s} bl).
19270	BELLINGHAM BREAKWATER ENTRANCE LIGHT 1		**Fl G** 4^{s}	17	6	SG.	
19275	SQUALICUM CREEK ENTRANCE LIGHT 2	48 45.4 122 30.8	**Fl R** 4^{s}	12	5	TR.	
19280	BELLINGHAM BREAKWATER NORTH ENTRANCE LIGHT 4	48 45.5 122 30.8	**Fl R** 6^{s}	17	5	TR.	
19285	*Bellingham Bay Rocks Junction Lighted Buoy*	48 40.5 122 35.4	**Fl (2+1) R** 6^{s}		5	Red and green bands.	
	Hale Passage						
19290	Inati Bay Reef Buoy	48 40.4 122 37				White with orange band, worded DANGER ROCK.	
19295	LUMMI ISLAND LIGHT 3	48 41.5 122 38.6	**Fl G** 4^{s}		5	SG.	
19300	LUMMI ISLAND FERRY LANDING LIGHT	48 43.2 122 40.7	**Q R**	12			HORN: 1 blast ev 6^{s} (3^{s} bl). Private aid.
19305	Point Francis Shoal Buoy 4					Red nun.	
19310	*Lummi Point Lighted Buoy 5*	48 44.1 122 41.1	**Fl G** 4^{s}		5	Black.	
19315	*Point Migley Lighted Buoy*		**Fl (2+1) R** 6^{s}		4	Red and black bands.	
	Rosario Strait						
19320	*Lawson Reef Junction Lighted Bell Buoy*		**Fl (2+1) R** 6^{s}		5	Red and black bands.	
19325	DAVIDSON ROCK LIGHT 1		**Fl G** 4^{s}	15	6	SG on platform.	Higher intensity beam toward Burrows Island Light.
19330	*Lawson Reef Lighted Bell Buoy 2*	48 24.7 122 46.3	**Fl R** 2.5^{s}		6	Red.	
19335	*Williamson Rocks Lighted Gong Buoy 4*	48 26.9 122 42.3	**Fl R** 4^{s}		5	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Rosario Strait						
19340	Kellett Ledge Buoy 3	48 27 122 47.4				Green can.	
19345	Dennis Shoal Buoy 6					Red nun.	
19350	BURROWS ISLAND LIGHT	48 28.6 122 42.7	Fl (2) W 15^{s} (R sector) 2.0^{s} fl 2.0^{s} ec 2.0^{s} fl 9.0^{s} ec	57	W 16 R 13	White square tower on building. 34	Red from 311° to 009°, covers Allan Island and Dennis Shoal. HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si-2^{s} bl-24^{s} si).
19355	Burrows Bay Junction Buoy					Red and black bands; nun.	
19360	SKYLINE MARINA LIGHT 1	48 29.4 122 40.6	Fl G 15^{s}	13		Pile structure.	Private aid.
19365	SKYLINE MARINA LIGHT 2	48 27.3 122 40.6	Fl R 15^{s}	13		Pile structure.	Private aid.
19370	LOPEZ PASS LIGHT 2		Fl R 4^{s}	21	5	TR.	
19375	Mud Bay Daybeacon					NR on iron spindle.	
19380	Ram Island Rock Daybeacon 4	48 28.4 122 50.2				TR on pipe.	Ra ref.
19385	Center Island Reef Daybeacon	48 29.1 122 50.1				NW on pipe, marked DANGER ROCK.	Ra ref.
19390	Center Island Reef Daybeacon 6	48 29.1 122 50.1				TR on pipe.	Ra ref.
19395	BELLE ROCK SECTOR LIGHT 7		Fl W 2.5^{s} (R sector)	22 20	W 5 R 9	NB on black cylindrical base.	Red from 173° to 177°. Covers 42 foot shoal. Higher intensity white beam up and down channel. Aid displays 2 separate lights, white over red.
19400	*Reef Point Junction Lighted Buoy*	48 31.7 122 43.5	Fl (2+1) R 6^{s}		5	Red and black bands.	
19405	FAUNTLEROY POINT LIGHT		Fl W 4^{s}	37	7	NR on skeleton tower.	
19410	Lawson Rock Junction Daybeacon	48 31.9 122 47.2				JR on pipe.	Ra ref.
19415	BLAKELY ISLAND LIGHT	48 31.9 122 48.5	Fl R 6^{s}	12	5	TR on pile.	
19420	Undertakers Reef Daybeacon 8	48 31.4 122 49.7				TR on tripod.	Ra ref.
19425	LEO REEF LIGHT		Fl W 4^{s}	15	5	NB on black pyramidal base.	
19430	*Blakely Island Shoal Lighted Bell Buoy BS*	48 34.2 122 50.7	Fl (2+1) R 6^{s}		4	Red and green bands.	
19435	UPRIGHT HEAD FERRY LANDING LIGHT	48 34.3 122 52.9	F R	15		Black float.	Private aid.
19440	SHOAL BAY AQUACULTURE LIGHT	48 33.4 122 52.4	Q W			On wooden aquaculture facility.	Private aid.
19445	Shag Rock Daybeacon					NW on iron spindle, worded; DANGER-ROCKS.	Rock bares at high water.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Rosario Strait						
19450	PEAVINE PASS LIGHT 1		Fl G 4	22	5	SG on skeleton tower.	
19455	– BLACK ROCK LIGHT 9	48 32.8 122 45.9	Fl G 4^{s}	10	4	SG on skeleton tower.	
19460	Peavine Pass Rocks Daybeacon					NR on iron spindle.	Ra ref.
19465	TIDE POINT LIGHT 12	48 35.1 122 44.4	Fl W 2.5^{s}		6	TR on pile.	
19470	OBSTRUCTION PASS LIGHT		Fl W 4s	23	5	NR on white house.	
19475	*Lydia Shoal Lighted Gong Buoy 13*	48 36 122 46.7	Q G		5	Black.	
19480	Cypress Reef Daybeacon C	48 36.8 122 43.3				JR on pipe.	
19485	*Buckeye Shoal Lighted Bell Buoy 14*		Fl R 6^{s}		5	Red.	
19490	PEAPOD ROCKS LIGHT 15		Fl G 4^{s}	35	5	SG on white octagonal house.	
19495	*Rosario Strait Lighted Bell Buoy 16*	48 38.5 122 42.7	Q R		4	Red.	
19500	*Boulder Reef Lighted Bell Buoy 2*		Fl R 4^{s}		5	Red.	
19505	*Sinclair Island Lighted Bell Buoy 4*	48 38.3 122 40	Fl R 2.5^{s}		4	Red.	
19510	LUMMI ROCKS LIGHT 16A	48 40.2 122 40.1	Fl R 6^{s}	20	5	TR.	
19515	THE SISTERS LIGHT 17	48 41.7 122 45.4	Fl G 2.5^{s}	40	4	SG on stucture.	
19520	*Rosario Strait Traffic Lane Lighted Buoy C*	48 40.5 122 42.8	Fl Y 4^{s}		5	Yellow.	
19525	VILLAGE POINT LIGHT 18		Fl R 4s	24	5	TR on skeleton tower.	Higher intensity beam towards Rosario Strait and Boundary Bay. Obscured from 180° to 264°.
19530	PUFFIN ISLAND SHOAL LIGHT 19		Fl G 4^{s}	20	5	SG on house on cylindrical structure.	
19535	*Rosario Strait Traffic Lane Separation Lighted Buoy CA*	48 45.3 122 46.4	Fl Y 4^{s}		5	Orange and white bands.	
	San Juan Channel						
19540	ICEBERG POINT LIGHT 2	48 25.3 122 53.5	Fl R 4^{s}	35	5	TR on white square concrete house.	HORN: 1 blast ev 30^{s} (3^{s} bl). Operates continuously. Sounded from June 1 to Nov. 15.
19545	RICHARDSON LIGHT		Fl W 4^{s}	19	6	NR on white box.	Maintained from June 1 to Nov. 15.
19550	Twin Rocks Daybeacon	48 26.8 122 54.6				NR on iron spindle.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			WASHINGTON – Thirteenth District				
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	San Juan Channel						
19555	CATTLE POINT LIGHT	48 27.1 122 57.7	**Fl W 4^s**	94	5	White octagonal tower.	HORN: 1 blast ev 15^s (2^s bl). Operates continuously. Maintained from June 1 to Nov. 15.
19560	FISHERMAN BAY ENTRANCE CHANNEL LIGHT 2	48 31.5 122 55.1	**Fl W 4^s (R sector)**	15	5	TR on pile.	Red from 171° to 069°.
19565	Fisherman Bay Entrance Daybeacon 4					TR on pile.	
19570	Fisherman Bay Channel Daybeacon 5					SG on pile.	
19575	Fisherman Bay Channel Daybeacon 7					SG on pile.	
19580	Fisherman Bay Channel Daybeacon 8					TR on pile.	
19585	FLAT POINT LIGHT	48 33.2 122 55.1	**Fl R 2.5^s**	15	5	TR on pile.	
19590	TURN ROCK LIGHT 3	48 32 122 57.8	**Fl W 4^s**	18	5	SG on cylindrical base.	Rock ledge bare at half tide.
19595	Minnesota Reef Daybeacon 1	48 32.2 122 59.2				SG on pipe.	Ra ref.
19600	Brown Island Daybeacon 2					TR on tripod.	Ra ref.
19605	FRIDAY HARBOR PIER LIGHTS	48 32.7 123 00.6	**(2) Fl R 5^s**	6		Pile.	Private aid.
19610	*Friday Harbor Lighted Buoy 3*	48 32.5 123 00.6	**Fl G 4^s**		4	Black.	Marks 2½ fathom shoal.
19615	FRIDAY HARBOR NORTH BREAKWATER LIGHT	48 32.4 123 00.9	**Fl G 4^s**	8	3	SG on pedestal.	
19620	FRIDAY HARBOR MARINA ENTRANCE LIGHT 2	48 32.3 123 00.8	**Fl R 2.5^s**	8	3	TR on pedestal.	
19625	FRIDAY HARBOR MARINA ENTRANCE LIGHT 1	48 32.3 123 00.8	**Fl G 2.5^s**	8	3	SG on pedestal.	
19630	*Reid Rock Lighted Bell Buoy*		**Fl (2+1) G 6^s**		5	Black and red bands.	Rock has depth of 2½ fathoms over it.
19635	SHIRT TAIL REEF LIGHT 1	48 35.3 123 01.2	**Fl G 4^s**	19	5	SG with echo board.	
19640	CLIFF ISLAND LIGHT 3		**Fl G 6^s**	15	5	SG on square house.	
19645	BIRD ROCKS LIGHT	48 35.9 123 00.8	**Fl W 4^s**	15	5	NR on white platform on pile structure.	
19650	DEER HARBOR PIER LIGHT		**F R**	15		On pile.	Private aid.
19655	POLE PASS LIGHT 2		**Fl R 4^s**	15	4	TR on house.	
19660	WASP PASSAGE LIGHT 5		**Fl G 4^s**	15	5	SG on pyramidal structure.	
19665	Blind Bay Rock Daybeacon	48 35 122 55.9				NW worded DANGER ROCK.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	San Juan Channel						
19670	Jones Island Rock Daybeacon	48 37.2 123 02.5				NW worded DANGER ROCKS.	
19675	GREEN POINT LIGHT	48 38 123 06.3	Fl W 4	20	5	NR.	
19680	Harbor Rock Daybeacon	48 37.8 122 58.6				NR on iron spindle.	Rock bares 6 feet at MLLW.
	Haro Strait						
19685	DISCOVERY ISLAND LIGHT (C)	48 25.5 123 13.5	Fl W 5^{s}	93		White circular tower. 45	Light obscured from 054° to 161°. HORN: 1 blast ev 60^{s} (6^{s} bl). Emergency light Fl (6) W 15^{s}.
19690	– *Lighted Buoy VD* (C)	48 27.1 123 10.8	Fl (2+1) W 6^{s}			Red and green bands.	
19695	**Lime Kiln Light**	48 31 123 09.1	Fl W 10^{s}	55	17	Octagonal tower attached to signal building; 2 dwellings about 150 yards southeast. 38	HORN: 1 blast ev 30^{s} (3^{s} bl). Operates continuously.
19700	*Little Zero Rock Lighted Buoy V30* (C)	48 31.9 123 19.7	Q R			Red.	
19705	ZERO ROCK LIGHT (C)	48 31.4 123 17.4	Fl W 4^{s}	28		White cylindrical tower, green band on top.	Ra ref.
19710	KELP REEFS LIGHT (C)	48 32.9 123 14.1	Q W	35		Octagonal tower attached to building.	
19715	D'ARCY ISLAND LIGHT (C)	48 34 123 17	Fl R 4^{s}	23		White circular tower with red band at top.	
19720	KELLETT BLUFF LIGHT	48 35.3 123 12.1	Fl W 4^{s}	80	7	NR on house.	Higher intensity beam up Haro Strait.
19725	Mosquito Pass Daybeacon 2	48 35 123 10.2				TR on pipe.	
19730	Mosquito Pass Buoy 3					Black can.	
19735	Mosquito Pass Daybeacon 4					TR on pipe.	
19740	Mosquito Pass Buoy 6					Red nun.	
19745	PEARL ISLAND PIER LIGHTS		(2) F R	16		Dolphins.	Private aid.
19750	PEARL ISLAND LIGHT 1	48 37 123 10.1	Fl G 4^{s}	15	4	SG.	
19755	PEARL ISLAND DOCK LIGHT		F R	18		On pile.	Private aid.
19760	NORTH ROCHE HARBOR DOCK LIGHT		F R	10		Pile.	Private aid.
19765	Spieden Channel Buoy 3					Green can.	
19770	Roche Harbor Junction Buoy					Red and green bands; nun.	Rock is marked by kelp, and has 2 fathoms over it.
19775	*Danger Shoal Lighted Horn Buoy*		Fl (2+1) G 6^{s}		5	Green and red bands.	HORN: 1 blast ev 30^{s} (3^{s} bl).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Haro Strait						
19780	TOM POINT LIGHT	48 39.8 (C) 123 16.3	**Fl W 4^{s}**	21		White circular tower with green band at top.	
19785	ARACHNE REEF LIGHT	48 41.1 (C) 123 17.6	**Fl (3) G 6^{s}**	22		White circular tower with green band at top.	
19790	Turn Point Light	48 41.3 123 14.2	**Fl W 2.5^{s}**	44	8	White concrete tower. 16	Light obscured from 260°30′ to 357°. HORN: 2 blasts ev 30^{s} (2^{s} bl-2^{s} si- 2^{s} bl-24 si). Operates continuously.
19795	POINT FAIRFAX LIGHT	48 42 (C) 123 17.8	**Fl (3) W 12^{s}**	33		On white tower.	4 lights.
	BOUNDARY PASS						
19800	GOWLLAND POINT LIGHT	48 44.1 (C) 123 11	**Fl W 4^{s}**	35		White circular tower, green band at top.	
19805	SKIPJACK ISLAND LIGHT	48 44 123 02.3	**Fl W 4^{s}**	55	5	NB on steel tower.	Obscured from 261° to 347°.
19810	**Saturna Island Light**	48 47 (C) 123 02.7	**F Fl W 15^{s}** **F R**	121 102	W 17 R 16	Red skeleton tower. 48	White light visible from 149° to 060°; red light visible from 156° to 211°30′. HORN: 3 blasts ev 60^{s} (2^{s} bl-3^{s} si-2^{s} bl-3^{s} si-2^{s} bl-48^{s} si). Emergency light Fl (6) W 15s.
	Boundary Pass						
19815	– *Shoal Lighted Bell Buoy B*	48 46 123 00.8	**Fl (2+1) R 6^{s}**		5	Red and green bands.	
19820	*Rosenfeld Rock Lighted Buoy U59*	48 48.2 123 01.6 (C)	**Fl G**			Black.	
19825	PATOS ISLAND LIGHT	48 47.3 122 58.2	**Fl W R 6^{s}** **(2 R sectors)**	52	W 9 R 6	White square tower on fog signal house. 38	Red from 013° to 060°, covers 6 fathom shoal. Red from 098°30′ to 113°30′, covers Rosenfeld Rock. HORN: 1 blast ev 30^{s} (3^{s} bl). Operates continuously.
19830	Sucia Island Daybeacon 1	48 45.8 122 55.1				SG on pipe.	
19835	Sucia Island Daybeacon 2					TR on pipe.	Marks submerged rock.
19840	PARKER REEF LIGHT		**Fl W 4^{s}**	15	5	NR on pile structure.	Ra ref.
19845	Orcas Island North Shore Daybeacon	48 42.9 122 53.5				NW on pipe; worded DANGER SUBMERGED ROCKS.	Maintained from Mar. 15 to Oct. 15.
19850	Orcas Island North Shore Buoy	48 42.9 122 53.3				White can with orange band at top and at waterline; with orange diamond, worded ROCK.	Maintained from Mar. 15 to Oct. 15.
19855	Ewing Island Reef Daybeacon	48 45.7 122 52.5				NW on pile worded DANGER REEF.	Maintained from Mar. 15 to Oct. 15.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON – Thirteenth District						
		N/W					
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)						
	Boundary Pass						
19860	Clements Reef Daybeacon					NW on tripod worded DANGER REEF.	Ra ref.
19865	Clements Reef Buoy 2	48 46.6 122 53.4				Red nun.	
19870	*Alden Bank Lighted Gong Buoy B*	48 47.1 122 48.9	Fl (2+1) R 6^s		5	Red and green bands.	
19875	Alden Bank Buoy 5					Green can.	
19880	SANDY POINT LIGHT 2	48 47.2 122 42.7	Fl W 4^s	16	5	TR on pile.	
	Strait of Georgia						
19885	Sandy Point Daybeacon 3					SG on pile.	
19890	SOCONY MOBIL NORTH AND SOUTH LIGHTS	48 49.5 122 43.1	(2) F W	16		White daymark on dolphin.	HORN: 1 blast ev 30^s (3^s bl). Private aids.
19895	INTALCO NORTH AND SOUTH LIGHTS	48 50.6 122 43.2	(2) F R	24			HORN: 2 blast ev 15^s (2^s bl-2^s si-2^s bl-9^s si). Private aid.
19900	ATLANTIC RICHFIELD LIGHT A		F R	28		On mooring dolphin.	Private aid.
19905	ATLANTIC RICHFIELD LIGHT B		F R	28		On mooring dolphin.	Private aid.
19910	*Alden Bank Lighted Gong Buoy A*		Fl (2+1) R 6^s		5	Red and green bands.	
	Semiahmoo Bay						
19915	– Buoy 2	48 59.4 122 47.4				Red nun.	
19920	– **Light**	48 59.6 122 47	Fl W 6^s	27	12	NB on skeleton tower.	Visible from 024° to 294° HORN: 1 blast ev 30^s (3^s bl).
19925	– Buoy 1					Black can.	
19930	BLAINE SMALL BOAT HARBOR LIGHT 2		Fl R 2.5^s	22	6	TR on dolphin.	
19935	INTERNATIONAL BOUNDARY RANGE C FRONT LIGHT		Q G	37		Red and white banded skeleton tower on concrete base, square yellow daymark.	
19940	INTERMATIONAL BOUNDARY RANGE C REAR LIGHT	49 00.1 122 45.3	F G	80		Square daymark on red and and white banded skeleton tower. 61	Visible on rangeline only.
	Boundary Bay						
19945	*Point Roberts Lighted Bell Buoy 4*		Fl R 4^s		5	Red.	
19950	THE BASIN LIGHT 1	48 58.4 123 03.8	Fl G 4^s	15		On pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	WASHINGTON - Thirteenth District						
	STRAIT OF JUAN DE FUCA TO STRAIT OF GEORGIA (Chart 18421)	N/W					
	Boundary Bay						
	Semiahmoo Bay						
19955	THE BASIN LIGHT 2	48 58.4 123 03.7	Q R	20		On southwest end of breakwater.	Private aid.
19960	THE BASIN BREAKWATER LIGHT	48 58.5 123 03.6	Q W	20		On northeast end of breakwater.	Private aid.
19965	POINT ROBERTS LIGHT	48 58.3 123 04.9	Fl (2) W 15^s 1^s fl 4.9^s ec 1^s fl 9.9^s ec	30	15	NR on skeleton tower. 25	
19970	INTERNATIONAL BOUNDARY RANGE A FRONT LIGHT	49 00.1 123 05.3	F G	180		Rectangular shaped orange daymark on gray skeleton tower.	Visible on rangeline only.
19975	INTERNATIONAL BOUNDARY RANGE A REAR LIGHT	49 00.1 123 03.9	F G	258		Rectangular shaped orange daymark on red and white horizontal banded skeleton tower.	Visible westward. F R aircraft warning light on top of tower. Range B Rear Light located on same structure.
19980	INTERNATIONAL BOUNDARY OBSTRUCTION LIGHT	49 00.1 123 01.1	Fl Y 4^s	36		On rectangular block.	
19985	INTERNATIONAL BOUNDARY RANGE B FRONT LIGHT	49 00.1 123 02	F G	65		Rectangular shaped orange daymark on gray skeleton tower.	Visible on rangeline only.
19990	INTERNATIONAL BOUNDARY RANGE B REAR LIGHT Same structure as Range as Range A Rear Light.	49 00.1 123 03.9	F G	258		Rectangular shaped orange daymark on red and white horizontal banded skeleton tower.	Visible eastward. F R aircraft warning light on top of tower. NOTE: Above International Boundary Ranges A, B, C (front and rear) are maintained by International Boundary Commission, United States, and Canada, Washington, D.C.
	IDAHO - Thirteenth District						
	PEND OREILLE LAKE (Chart 18554)						
	Lake Coeur D'Alene						
	Mileage given is the approximate distance from Water Stage Recorder Guage at City of Coeur d'Alene.						
19995	FORT SHERMAN JUNCTION LIGHT		IQ R	18	5	JR on dolphin.	Higher intensity beam up and down lake.
20000	- LIGHT 1		Fl G 4^s	20	6	SG on pile.	Higher intensity beam toward Wolf Lodge Bay.
20005	Potlatch Log Storage Light A		Q R			On pilings or anchor float.	Private aid.
20010	Potlatch Log Storage Light B		Q R			On pilings or anchor float.	Private aid.
20015	Potlatch Log Storage Light C		Q R			On pilings or anchor float.	Private aid.
20020	Potlatch Log Storage Light D		Q R			On pilings or anchor float.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	IDAHO – Thirteenth District						
	PEND OREILLE LAKE (Chart 18554)	N/W					
	Lake Coeur D'Alene						
20025	Potlatch Log Storage Light E		Q R			On pilings or anchor float.	Private aid.
20030	Potlatch Log Storage Light F		Q R			On pilings or anchor float.	Private aid.
20035	Potlatch Log Storage Light G		Q R			On pilings or anchor float.	Private aid.
20040	Potlatch Log Storage Light H		Q R			On pilings or anchor float.	Private aid.
20045	Potlatch Log Storage Light I		Q R			On pilings or anchor float.	Private aid.
20050	Potlatch Log Storage Light J		Q R			On pilings or anchor float.	Private aid.
20055	Potlatch Log Storage Light K		Q R			On pilings or anchor float.	Private aid.
20060	Potlatch Log Storage Light L		Q R			On pilings or anchor float.	Private aid.
20065	POTLATCH LOG STORAGE LIGHT M		Q R			On pilings or anchor float.	Private aid.
20070	POTLATCH LOG STORAGE LIGHT N		Q R			On pilings or anchor float	Private aid.
20075	POTLATCH LOG STORAGE LIGHT O		Q R			On pilings or anchor float.	Private aid.
20080	POTLATCH LOG STORAGE LIGHT P		Q R			On pilings or anchor float.	Private aid.
20085	POTLATCH LOG STORAGE LIGHT Q		Q R			On pilings or anchor float.	Private aid.
20090	POTLATCH LOG STORAGE LIGHT R		Q R			On pilings or anchor float.	Private aid.
20095	– LIGHT 3		Fl G 4^{s}	20	5	SG.	
20100	– LIGHT 5		Fl W 4^{s}	18	5	SG.	
20105	– LIGHT 7		Fl G 4^{s}	15	5	SG.	
20110	– LIGHT 8		Fl W 4^{s}	15	5	TR.	Higher intensity beam up and down lake.
20115	– LIGHT 9		Fl W 4^{s}	30	5	SG.	Higher intensity beam up and down lake.
20120	– LIGHT 10		Fl R 4^{s}	25	5	TR on skeleton tower.	Higher intensity beam up and down lake.
20125	ST. JOE RIVER JUNCTION LIGHT		IQ W	18	5	JB on dolphin.	
	Lake Pend Oreille						
20130	– LIGHT 2	48 16.2 116 30	Fl W 4^{s}	10	6	TR.	Higher intensity beam up lake.
20135	– LIGHT 3	48 16.7 116 24.4	Fl W 4^{s}	18	5	SG.	Higher intensity beam up lake.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	IDAHO – Thirteenth District						
	PEND OREILLE LAKE (Chart 18554)	N/W					
	Lake Pend Oreille						
20140	– LIGHT 4	48 15 116 22.4	**Fl R 4^s**	15	6	TR on dolphin.	
20145	– LIGHT 5	48 13.5 116 18.5	**Fl G 4^s**	25	5	SW on pile.	Higher intensity beam up lake.
20150	PEARL ISLAND JUNCTION LIGHT A	48 13 116 19.8	**IQ W**	30	5	JG on skeleton tower. 26	Higher intensity beam up lake.
20155	– LIGHT 6	48 12.3 116 21.5	**Fl W 4^s**	15	5	TR on dolphin.	
20160	– LIGHT 7	48 09.1 116 15	**Fl W 4^s**	15	5	SG on dolphin.	
20165	– LIGHT 8	48 10.6 116 25.6	**Fl W 4^s**		5	TR.	Higher intensity beam towards Cape Horn and Clark Fork River.
20170	– LIGHT 9	48 06 116 25.9	**Fl W 4^s**	15	5	SW.	Higher intensity beam down lake.
20175	– LIGHT 11	48 03.5 116 27.4	**Fl G 4^s**	9	5	SG.	Higher intensity beam up and down lake.
20180	– LIGHT 13	48 03 116 27.4	**Q W**	12	5	SG on pile.	
20185	*Navy Special Purpose Lighted Buoy A*	48 01.8 116 30.1	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20190	*Navy Special Purpose Lighted Buoy B*	48 01.8 116 29.3	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20195	*Navy Special Purpose Lighted Buoy C*	48 01.6 116 30.3	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20200	*Navy Special Purpose Lighted Buoy D*	48 01.5 116 29.3	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20205	*New Special Purpose Lighted Buoy E*	48 00.8 116 29	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20210	*Navy Special Purpose Lighted Buoy F*	48 00.7 116 29	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20215	*Navy Special Purpose Lighted Buoy G*	48 00.4 116 30.4	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20220	*Navy Special Purpose Lighted Buoy H*	48 00.2 116 30.1	**Fl W 3^s**			Orange and white.	Maintained by U.S. Navy.
20225	– LIGHT 14		**Fl W 4^s**	28	5	TR.	Higher intensity beam down lake.
	Missouri River						
	Fort Peck Lake						
20230	– LIGHT 2		**Fl W 2.5^s**	13	6	TR on platform.	Maintained from May 15 to Nov. 30.
20235	– Daybeacon 4					TR on dolphin.	Maintained from May 15 to Nov. 30.
20240	BIG DRY CREEK LIGHT 2		**Fl W 4^s**	11	6	TR on platform.	Maintained from May 15 to Nov. 30.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	IDAHO – Thirteenth District						
		N/W					
	PEND OREILLE LAKE (Chart 18554)						
	Missouri River						
	Fort Peck Lake						
20245	BIG DRY CREEK LIGHT 4		Fl W 6^s	22	7	TR on platform.	Maintained from May 15 to Nov. 30.
20250	Big Dry Creek Daybeacon A					JR on pile.	Maintained from May 15 to Nov. 30.
20255	Fort Peck Danger Rock Buoy					White can buoy with orange bands near top, and waterline, centered orange diamond cross worded DANGER ROCK.	Maintained from May 15 to Nov. 30.
20260	– Daybeacon 6					TR on dolphin.	Maintained from May 15 to Nov. 30.
20265	– Daybeacon 8					TR on dolphin.	Maintained from May 15 to Nov. 30.
20270	– LIGHT 10		Fl R 4^s	13	5	TR on platform.	Maintainted from May 15 to Nov. 30.
20275	– LIGHT 11		Fl G 6^s	16	6	SG on platform.	Maintained from May 15 to Nov. 30.
20280	– LIGHT 14		Fl R 6^s	13	5	TR on platform.	Maintained from May 15 to Nov. 30.
20285	– LIGHT 15		Fl W 2.5^s	36	6	SG on platform.	Maintained from May 15 to Nov. 30.
20290	– LIGHT 17		Fl G 6^s	26	6	SG on platform.	Maintained from May 15 to Nov. 30.
20295	– LIGHT 18		Fl W 6^s	16	7	TR on platform.	Maintained from May 15 to Nov. 30.
20300	– LIGHT 19		Fl G 4^s	16	5	SG on platform.	Maintained from May 15 to Nov. 30.
20305	– LIGHT 20		Fl R 2.5^s	16	4	TR on platform.	Maintained from May 15 to Nov. 30.
20310	– Buoy 20A					Red nun.	Maintained from May 15 to Nov. 30.
20315	– LIGHT 21		Fl W 6^s	16	7	SW on platform.	Maintained from May 15 to Nov. 30.
	BRITISH COLUMBIA						
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
20320	GANGES HARBOR LIGHT	48 50.2 123 27.2 (C)	Fl R 4^s	27		White circular tower, red band at top.	
20325	PORTLOCK POINT LIGHT	48 49.7 (C) 123 21	Q W	51		White square tower.	HORN: 1 blast ev 20^s (2^s bl).
20330	CONCONI REEF LIGHT	48 49.4 (C) 123 17.4	Q W	20		White circular tower, red band at top.	
20335	PEILE POINT LIGHT	48 51 (C) 123 24.2	Fl W 4^s	25		White circular tower.	

BRITISH COLUMBIA

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
20340	*Ben Mohr Rock Lighted Buoy UK* (C)	48 51.6 123 23.4	Fl (2+1) R 6^s			Red and green bands.	
20345	PHILLIMORE POINT LIGHT (C)	48 52.3 123 23.4	Q R	24		White circular tower, red band at top.	
20350	ENTERPRISE REEF LIGHT (C)		Q R (2 W sectors)	21 12		White circular tower, red band at top.	White 107.5° to 110°, Red 110° to 121°, White 121° to 123.5°. Ra ref.
20355	HELEN POINT LIGHT (C)		Q W	23		White circular tower, red band at top.	
20360	GALLANO LIGHT (C)	48 51.7 123 20.9	Q G	21		White circular tower, green band at top.	Ra ref.
20365	MARY ANNE POINT LIGHT (C)	48 51.7 123 18.7	Q W	25		White circular tower, green band at top.	
20370	**Active Pass Light** (C)	48 52.4 123 17.4	F Fl W 10^s	57	12	White circular tower. 35	Visible from 055° to 090° and 180° to 253°. RBN: 378 kHz AP (•– •––•). DIAPHONE: 1 blast ev 30^s (3s bl). Horn points 025° Emergency light Fl (6) W 15^s
20375	*Gossip Shoals Lighted Bell Buoy U47*		Fl G			Green.	
20380	NORTH REEF LIGHT (C)		Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	22		White circular tower.	
20385	BARE POINT LIGHT (C)		Fl G 4^s	41		White circular tower, green band at top.	
20390	ALARM ROCK LIGHT (C)		Fl (2) W 6^s	20		White circular tower.	Ra ref.
20395	PREEDY HARBOR LIGHT (C)	48 58.1 123 41	Q R	17		White circular tower, with red band at top.	Rock dries 9 fee Ra ref.
20400	COFFIN ISLAND LIGHT (C)		Fl W 4^s	19		White circular tower red and green band at top.	Ra ref.
20405	SOUTHEY POINT LIGHT (C)	48 56.7 123 35.7	Q W	20		White circular tower.	
20410	GRAPPLER ROCK LIGHT (C)	48 56.4 123 36.1	Fl R 4^s	20		White circular tower, red band at top.	
20415	*Panther Point Lighted Buoy U44* (C)					Red.	
20420	WALKER ROCK LIGHT (C)		Fl (3) W 12^s 0.5^s fl 2^s ec 0.5^s fl 2^s ec 0.5^s fl 6.5^s ec F W R G (sectors)	23 22		White circular tower.	Green sector 082° to 088°, White sector 088° to 092°, Red sector 092° to 099°. Ra ref.
20425	*Victoria Shoal Lighted Buoy U43.* (C)	48 55.2 123 30.9	Fl G			Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
		N/W					
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
20430	*Governor Rock Lighted Buoy U45* (C)	48 54.8 123 29.8				Green.	
20435	PORLIER PASS RANGE FRONT LIGHT	49 00.8 123 35.1	F Y Q W	21		White square tower. 24	Visible 162.5° to 264.5° HORN: 1 blast ev 30^s (3^s bl).
20440	PORLIER PASS RANGE REAR LIGHT 465 yards, 196.5° from front light. (C)		F Y	32		White square tower. 27	Emergency light, Fl (6) W 15^s, nominal range 2 miles.
20445	*Porlier Pass Lighted Bell Buoy U41* (C)		Fl G			Black.	
20450	DANGER REEF LIGHT (C)	49 03.3 123 42.8	Q W	22		White circular tower.	When passing southward, light should be given a wide berth.
20455	JOAN POINT LIGHT (C)	49 08.1 123 49.1	Q W	29		White circular tower, green band at top.	
20460	GALLOWS POINT LIGHT (C)	49 10.2 123 55	Al RW 10^s	26		White circular tower, red band at top.	HORN: 1 blast ev 20^s (2^s bl). Emergency light when main light extinguished Fl (6) W ev 15^s.
20465	*Canoe Pass Lighted Bell Buoy T14* (C)	49 02.3 123 15.3	Fl R			Red.	
20470	ROBERTS BANK LIGHT (C)	49 05.2 123 18.6	Fl W 5^s	37	16	White circular tower, red band at top.	RACON: R (•—•). HORN: 1 blast ev 20^s (2^s bl).
20475	*Roberts Bank Lighted Buoy TA* (C)	49 04.4 123 22.8	Mo (A) W			Black and white stripes.	
20480	**Sand Head Light** (C)	49 06.4 123 18.1	F W Fl R 5^s	43	12	Orange square tower on rectangular white building on pier.	RBN: 296 kHz G (——•)I,IV. HORN: 1 blast ev 30^s (3^s bl). Emergency light Fl (6) W 15^s. Nominal range 2 miles. Horn points 244°.
20485	*Sand Heads Lighted Bell Buoy S1* (C)	49 06.2 123 18.5	Fl G			Green.	
20490	WESTERLY JETTY LIGHT (C)	49 15.5 123 16.7	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	26		White circular tower.	
20495	*Point Grey Lighted Bell Buoy Q62*	49 17.4 123 15.9	Fl R			Red.	
20500	**Point Atkinson Light** (C)	49 19.8 123 15.8	Fl (2) W 5^s 0.25^s fl 0.75^s ec 0.25^s fl 3.75^s ec	108		White hexagonal tower. 61	RBN: 296 kHz V(•••—)II,V. HORN: 3 blast ev 60^s (2^s bl-3^s si-2^s bl-3^s si-2^s bl-48^s si). Special Direction Finder Calibration Service see p.xxii. Emergency light, Fl (6) W 15^s.
20505	*Vancouver Approach Lighted Buoy QA* (C)	49 16.6 123 19.2	Mo (A) W			Red and white stripes.	RACON: G (——•).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
20510	POINT COWAN LIGHT	49 20.1 (C) 123 21.6	**Q W**	67		White curcular tower.	
20515	CAPE ROGER CURTIS LIGHT	49 20.4 (C) 123 25.9	**Fl (3) W 12^{s}**	36		White circular tower.	
20520	POPHAM ISLAND LIGHT	49 21.8 (C) 123 29.4	**Fl R 4^{s}**	38		White circular tower, red band at top.	
20525	THRASHER ROCK LIGHT	49 09 (C) 123 38.4	**Fl (3) W, 12^{s}**	34		White circular tower with green band at top.	RACON: W (•━━). Ra Ref.
20530	*Gabriola Reefs Lighted Buoy UM*	49 07.7 123 39.3 (C)	**Fl (2+1) G 6^{s}**			Green and red bands.	
20535	TUGBOAT ISLAND LIGHT	49 08.9 (C) 123 41	**Fl W 4^{s}**	20		White circular tower.	
20540	**Entrance Island Light**	49 12.6 (C) 123 48.4	**Fl W 5^{s}**	61	15	White circular tower. 45	HORN: 2 blast ev 60^{s} (3^{s} bl-3^{s} si-3^{s} bl-51^{s} si). Emergency light when main light extinguished. Fl (6) W 15^{s}.
20545	*Snake Island Reef Lighted Bell Buoy P2*	49 12.5 123 53.1 (C)	**Fl R**			Red.	
20550	SNAKE ISLAND LIGHT	49 13.1 (C) 123 53.4	**Fl W 4^{s}**	33		White cylindrical tower; green band at top.	Obscured from 350° to 011°. Higher intensity on bearing 257°.
20555	HUDSON ROCKS LIGHT	49 13.4 (C) 123 55.6	**Fl W 4^{s}**	29		White circular tower, red band at top.	Increased intensity on bearing 141°.
20560	WHITE ISLETS LIGHT	49 25.1 (C) 123 42.6	**Fl W 4^{s}**			White cylindrical tower.	
20565	MERRY ISLAND LIGHT	49 28.1 (C) 123 54.7	**Fl W 15^{s}**	60	16	White square tower. 36	HORN: 3 blasts ev 60^{s} (2^{s} bl-3^{s} si-2^{s} bl-3^{s} si-2^{s} bl-48^{s} si). Emergency Emergency light of reduced intensity when main light is extinguished Fl (6) W 15^{s}.
20570	MAUDE ISLAND LIGHT	49 16.2 (C) 124 04.6	**Fl W 4^{s}**	26		White circular tower, red band on top.	
20575	**Ballenas Islands Light**	49 21 (C) 124 09.6	**Fl W 10^{s}**	70	14	White octagonal tower. 37	Visible from 040° to 307°. HORN: 1 blast ev 60^{s} (6^{s} bl).
20580	FRENCH CREEK LIGHT	49 21.1 (C) 124 21.3	**Q R**			White circular tower.	
20585	FALSE BAY LIGHT	(C)	**Fl W 4^{s}**	18		White circular tower.	
20590	**Sisters Islets Light**	49 29.2 (C) 124 26	**Fl (2) W 15^{s}** 0.4^{s} fl 3.0^{s} ec 0.4^{s} fl 11.2^{s} ec	70	14	White circular tower.	HORNS (2): 3 blasts ev 60^{s} (2^{s} bl-3^{s} si-2^{s} bl-3^{s} si-2^{s} bl-48^{s} si). Emergency light of reduced intensity when main light is extinguished Fl (6) W 15^{s}.
20595	FEGAN ISLETS LIGHT	(C)	**Fl W 4^{s}**	21		White circular tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
20600	FLORA ISLET LIGHT (C)		Fl W 4^s	68		White skeleton tower. 53	
20605	CHROME ISLAND RANGE FRONT LIGHT (C)	49 28.4 124 41	F Y	46		Orange daymark on mast. 20	Visible on rangeline only. Emergency light when main light is extinguished. Fl (6) W 15^s.
20610	CHROME ISLAND RANGE REAR LIGHT 2 yards, 097.7° from front light.		F Fl W 5^s Fl Y	84		Red skeleton tower. 45	Visible all around. High intensity Fl W ev 5^s superimposed on FW 5^s. Fl Y visible on the rangeline only.
20615	DEEP BAY LIGHT (C)		Fl W 4^s	30		White circular tower, green band at top.	
20620	*Repulse Point Lighted Buoy P42* (C)	49 28.8 124 44.8	Fl R			Red.	
20625	DENMA ISLAND LIGHT (C)		Fl W 4^s	20		White circular tower, red band at top.	
20630	COMOX BAR RANGE FRONT LIGHT (C)	49 37.4 124 54.4	F Y	37		KWR on skeleton tower.	
20635	COMOX BAR RANGE REAR LIGHT 335 yards, 222° from front light. (C)		F Y	76		KWR on skeleton tower.	
20640	GOOSE SPIT LIGHT (C)		Q R	18		White circular tower, red band at top.	
20645	*Comox Bar Lighted Bell Buoy P54* (C)		Fl R			Red.	
20650	CAPE LAZO LIGHT (C)	49 42.4 124 51.7	Iso W 2^s	150		Red skeleton tower.	
20655	TEXADA ISLAND LIGHT (C)	49 31.7 124 13.5	Fl R 4^s	27		White circular tower, red band at top.	
20660	POINT UPWOOD LIGHT (C)	49 29.4 124 08.4	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.0^s ec	36		White circular tower, red band at top.	
20665	EPSOM POINT LIGHT (C)	49 30.3 124 00.9	Fl W 4^s	21		White circular tower.	
20670	WILBRAHAM POINT LIGHT (C)		Fl R 4^s	35		White circular tower, red band at top.	
20675	FRANCIS POINT LIGHT (6)	49 36.2 124 03.5	Fl (3) W 12^s	34		White circular tower.	
20680	PENDER HARBOR LIGHT (C)		Q R	15		White circular tower, red band at top.	
20685	NELSON ROCK LIGHT (C)		Fl W 4^s	17		White circular tower, red band at top.	
20690	CAPE COCKBURN LIGHT (C)		Fl (3) W 12^s	45		White circular tower, red band at top.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
20695	NORTHEAST POINT LIGHT (C)		Fl W 5^s	31		White circular tower, green band at top.	
20700	GRIEF POINT LIGHT (C)		Fl W 6^s	35		White circular tower, red band at top.	
20705	CYRIL ROCK LIGHT (C)		Q G	20		White circular tower, green band at top.	
20710	REBECCA ROCK LIGHT (C)	49 48.8 124 39.5	Fl W 2^s	30		White circular tower.	Ra ref.
20715	WESTVIEW FISHING HARBOR SOUTH LIGHT (C)	49 49.9 124 31.7	Fl R 4^s	15		White circular tower, red band at top.	
20720	*Mystery Reef Lighted Bell Buoy Q25* (C)	49 54.8 124 42.7	Fl G			Green.	
20725	*Grant Reefs Lighted Buoy QM* (C)	49 52.1 124 46	Fl (2+1) G 6^s			Green and red bands.	
20730	KUHUSHAN POINT LIGHT (C)	49 53.3 125 07.3	Fl (2) W 6^s 0.5^s fl 1^s ec 0.5^s fl 4^s ec	58		White skeleton tower.	
20735	MAJOR ISLET LIGHT (C)	49 59.3 124 48.9	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	102		White circular tower, red band at top.	
20740	LUND LIGHT (C)		Fl W 4^s	21		White circular tower.	
20745	CORTES BAY LIGHT (C)	50 03.8 124 55.4	Q R	20		White circular tower, red band at top.	
20750	*Sutil Point Lighted Bell Buoy Q20* (C)		Fl R			Red.	
20755	SPILSBURY POINT LIGHT (C)	50 00.2 124 56.6	Q W	20		White circular tower.	
20760	*Wilby Shoal Lighted Buoy P60* (C)		Fl R			Red.	
	Discovery Passage						
20765	**Cape Mudge Light** (C)	49 59.9 125 11.6	F Fl W 5^s	58	13	White octagonal tower. 54	HORN: (2); 1 blast ev 30^s (1.5^s bl). Horns point 312° and 148° from a white square house located 135 yards southeast of lighthouse. Emergency light Fl (6) W 15^s. Nominal range 2 miles.
20770	CAMPBELL RIVER BREAKWATER LIGHT (C)	50 01.5 125 14.2	Fl G 4^s	17		White mast.	
20775	CAMPBELL RIVER NORTH BREAKWATER LIGHT (C)	50 01.7 125 14.3	Fl W 4^s	23		Black, white and green square daymark on 5-pile dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
	Discovery Passage						
20780	QUATHIASKI COVE LIGHT (C)	50 02.7 125 13.2	Fl G 4^s	19		White circular tower, green band at top.	
20785	STEEP ISLAND LIGHT (C)	50 04.7 125 15.1	Q W	14		White circular tower, red band at top.	
20790	RACE POINT LIGHT (C)		Q G	77		White tower, green band at top.	
20795	MAUD ISLAND LIGHT (C)		Q R	28		White circular tower, red band at top.	
20800	WILFRED POINT LIGHT (C)	50 07.9 125 21.5	Q G	21		White circular tower, green band at top.	
20805	McMULLEN POINT LIGHT (C)	50 14.8 125 23.8	Fl W 4^s	28		White circular tower, green band at top.	
20810	CINQUE ISLAND LIGHT (C)	50 17.7 125 24	Fl R 4^s	21		White circular mast, red and white triangular daymark.	
20815	CHATHAM POINT LIGHT (C)	50 20 125 26.3	Fl G 5^s	24		White circular tower, black band at top.	On rock which dries 5 feet. HORN (2): 1 blast ev 20^s (2^s-bl). Horn points in a 113°-293° direction from a small white house located 1/4 mile west of lighthouse. Emergency light: Fl (6) W 15^s. Nominal range 2 miles. Ra ref.
20820	TURN ISLAND LIGHT (C)	50 20.7 125 27.9	Q R	40		White circular mast, red and white triangular daymark.	
	Johnstone Strait						
20825	ROCK POINT LIGHT (C)		Q G	19		White circular tower, black band at top.	
20830	WALKEM ISLANDS LIGHT (C)	50 21.5 125 31.5	Fl R 4s	17		White circular tower, red band at top.	
20835	RIPPLE POINT LIGHT (C)		Fl W 4^s	20		White circular tower, black band at top.	
20840	VANSITTART POINT LIGHT (C)		Fl R	32		White circular tower; red band at top.	
20845	TYEE POINT LIGHT (C)	50 23.2 125 46.9	Q R	25		White circular tower, red band at top.	
20850	RACE PASSAGE EAST LIGHT (C)	50 22.9 125 48.7	Fl G 4^s	18		White circular tower, black band at top.	
20855	CAMP POINT LIGHT (C)	50 23.1 125 49.5	Q G	20		White circular tower, black band at top.	
20860	CURRENT PASSAGE DIRECTIONAL LIGHT (C)	50 24.6 125 48.5	F W R (G sectors)	15		White circular tower.	Red from 326° to 330°, white to 336°; green to 340°.
20865	HELMCKEN ISLAND DIRECTIONAL LIGHT (C)	50 24 125 51.3	F W R (G sectors)	15		White circular tower.	Shows fixed red 284° to 293°, fixed white to 296.5°, fixed green to 302°. White sector indicates preferred channel.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		BRITISH COLUMBIA					
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
	Johnstone Strait						
20870	HELMCKEN ISLAND LIGHT (C)	50 23.6 125 52.2	Q W (2 R sectors)	33		White circular tower.	Red from 274° to 280.5° white to 114°, red to 122°.
20875	HELMCKEN ISLAND NORTH LIGHT (C)	50 24.4 125 52.5	Q G	20		White circular tower; black band at top.	
20880	PETERSON ISLET LIGHT (C)	50 23.4 125 54.7	Fl G 4^{s}	25		White circular tower, black band at top.	
20885	EARLE LEDGE LIGHT (C)	50 24.7 125 55.2	Fl R 4^{s}	18		White circular tower, red band at top.	Increased intensity on bearing 276°.
20890	FANNY ISLAND LIGHT (C)	50 27.2 125 59.5	Fl (2) W 12^{s}	23		White circular tower.	
20895	TUNA POINT LIGHT (C)		Fl R 4^{s}	20		White circular tower, red band at top.	
20900	HICKEY POINT LIGHT (C)	50 27 126 05.1	Fl W 4^{s}	29		White square daymark on triangular skeleton mast.	
20905	BROKEN ISLANDS LIGHT (C)	50 30.7 126 17.8	Fl W 4^{s}	35	8	White circular tower.	
20910	WEST CRACROFT ISLAND LIGHT (C)	50 31.2 126 34.6	Q R	32		White mast.	Obscured by high land northward of 102°. Intensified on bearings, 278° and 098°.
20915	BLINKHORN PENINSULA LIGHT (C)	50 32.6 126 46.8	Fl (3) W 12^{s} 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 6.5^{s} ec	42		White circular tower, black band at top.	
	Broughton Strait						
20920	LEWIS POINT LIGHT (C)	50 33.1 126 51.2	Fl G 4^{s}	25		White circular tower, green band at top.	
20925	NIMPKISH BANK LIGHT (C)	50 34.8 126 56.8	Q W	19		White circular mast on 17-pile dolphin.	Ra ref.
20930	YELLOW BLUFF LIGHT (C)	50 35.2 126 57	Fl W 4^{s} (R sector)	28	6	White circular tower, red band at top.	Red from 289° to 302.
20935	*Alert Rock Lighted Buoy N17* (C)	50 35 126 57.6	Fl G			Green.	
20940	HADDINGTON REEFS PIER LIGHT (C)	50 36.5 127 00.5	Q R	30	8	White circular tower, red band at top.	HORNS (2): 1 blast ev 20^{s}. Oriented on 135° and 315°.
20945	*Haddington Reefs Lighted Buoy N20* (C)	50 36.5 127 00.9	Q R			Red.	
20950	HADDINGTON ISLAND LIGHT (C)	50 36.3 127 01.2	Q G	20		White circular tower, green band at top.	
20955	HADDINGTON ISLAND SOUTH LIGHT (C)		Q W	15		White circular tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
		N/W					
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
	Broughton Strait						
20960	BROAD POINT WEST (HYDE CREEK) DIRECTIONAL LIGHT (C)	50 35 127 01.3	F W R G	21		White circular tower.	Ra ref. Green 155° to 158°30′, white 158.5° to 163°, red 163° to 166°30′. White sector indicates preferred channel.
20965	*Neil Ledge Lighted Buoy NP* (C)	50 36.2 127 02.2	Fl (2+1) G 6^{s}			Green and red bands.	
20970	*Neil Rock Lighted Buoy N21* (C)		Fl G			Green.	
20975	SOINTULA BREAKWATER LIGHT (C)	50 38.5 127 01.8	Fl W 4^{s}	29	5	White circular mast, red and white triangular daymark.	
20980	**Pulteney Point Light** (C)	50 37.8 127 09.2	F W Fl R 10^{s} F R	40 36	17 12	White square tower.	Visible from 278° to 145°. High intensity Fl R ev 10^{s} superimposed on F W. Visible from 131° to 143°. HORN (2): 3 blast ev 60^{s}. Oriented on 18° and 295°. (2^{s} bl-3^{s} si-2^{s} bl-3^{s} si-2^{s} bl-48^{s} si). Emergency light Fl (6) W 15^{s}.
	Queen Charlotte Strait						
20985	WEDGE ISLAND LIGHT (C)	50 38.1 126 43.3	Q W	34	5	White circular tower.	
20990	LIZARD POINT LIGHT (C)	50 40.3 126 53.6	Fl W 4^{s}	18	6	White circular tower, green at top.	
20995	DUFF ISLET LIGHT (C)	50 45.4 126 43.3	Fl (3) W 12^{s} 0.5^{s}fl 2.0^{s} ec 0.5^{s}fl 2.0^{s} ec 0.5^{s}fl 6.5^{s} ec	29		White circular tower.	
21000	JAMES POINT LIGHT (C)	50 50.3 126 58.6	Fl W 4^{s}	30	5	White circular tower.	
21005	ROUND ISLAND LIGHT (C)	50 43.6 127 21.8	Fl W 4^{s}	39	5	White circular tower.	
21010	MASTERMAN ISLANDS LIGHT (C)	50 45.5 127 25.3	Fl (3) W 12^{s} 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 6.5^{s} ec	33	6	White circular tower, green at top.	
21015	HARDY BAY LIGHT (C)		Fl R 4^{s}	21		White circular tower, red band at top.	
21020	**DOYLE ISLAND LIGHT** (C)	50 48.3 127 27.5	Fl W 5^{s}	42	15	White circular tower, green band at top.	
21025	JEANNETTE ISLANDS LIGHT (C)		Fl R 2^{s}	32	8	White circular tower, red band at top.	
21030	HARRIS ISLAND LIGHT (C)	51 00 127 33.8	Fl W 4^{s}	42		White circular mast.	
21035	McEWAN ROCK LIGHT (C)	51 03.5 127 37.8	Fl (3) W 12^{s}	62		White circular mast.	

BRITISH COLUMBIA

N/W

STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)

Queen Charlotte Strait

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21040	NOBLE ISLETS LIGHT (C)	50 49.3 127 35.5	Q R	34		White circular tower, red band at top.	
21045	CRANE ISLAND LIGHT (C)	50 50.5 127 31.3	Fl W 4^s	50	5	White circular tower, green band at top.	
21050	*Davey Rock Lighted Buoy N32* (C)	50 50.5 127 31.1	Q R			Red.	
21055	TRIBUNE ROCK LIGHT (C)	50 51.5 127 33.9	Fl G 4^s	22		White circular tower, green band at top.	
21060	**Scarlett Point Light** (C)	50 51.6 127 36.7	Fl W 5^s	80	15	Red skeleton tower.	HORN: 1 blast ev 30^s (3^s bl). Horn points 026° from a white square building close eastward of lighthouse. Emergency light Fl (6) W 15^s.
21065	CHOLBERG POINT LIGHT (C)		Q W	40		White circular tower.	
21070	DILLON ROCK LIGHT (C)		Q G	21		White circular tower, green band at top; concrete base.	Ra ref.
21075	GODKIN POINT LIGHT (C)		Fl R 4^s	36		White circular tower, red band at top.	
21080	NAHWITTI POINT LIGHT (C)		Fl W 2^s	45	11	White circular tower.	
21085	*Nahwitti Bar Lighted Whistle Buoy MA* (C)	50 54.1 128 02.5	Mo (A) W			Red and white stripes.	
21090	**Pine Island Light** (C)	50 58.5 127 43.6	F W Fl R 10^s	93	12	White skeleton tower. 42	Visible from 314° to 154°. RBN: 318 kHz P (•−−•)IV. HORNS (2): 2 blasts ev 60^s (3^s bl-3^s si-3^s bl-51^s si). Emergency light; Fl (6) W 15^s.
21095	CAPE CAUTION LIGHT (C)	51 09.8 127 47.1	Fl W 6^s	71	6	White skeleton tower. 25	
21100	ODLUM ISLAND LIGHT (C)	51 41.6 128 07.1	Fl W 6^s	60	5	Mast.	
21105	CURRIE ISLET LIGHT (C)	51 51.1 128 27.3	Fl W 6^s	56	7	Mast.	Also known as Gosling Rocks.
21110	CAPE ST. JAMES LIGHT (C)	51 56.2 131 00.9	Fl W 5^s	315		White octagonal tower, white dwelling.	Visible from 207° to 122°. RBN: 292 kHz CJ (−•−• •−−−).
21115	GARCIN ROCKS LIGHT (C)	52 12.5 130 57.9	Fl W 6^s	51		Tripod tower.	

Hecate Strait

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
21120	EAST COPPER ISLAND LIGHT (C)		Fl (3) W 12^s 0.5^{s}fl 2.0^s ec 0.5^{s}fl 2.0^s ec 0.5^{s}fl 6.5^{s}ec	50	5	White circular tower.	Visible from 163° to 039°.
21125	SCUDDER POINT LIGHT (C)	52 26.8 131 14.2	Fl W 6^s	22		Square mast.	

(1) No.	(2) Name and location		(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA							
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)		N/W					
	Hecate Strait							
21130	LOW ISLAND LIGHT	(C)		Fl W 6^s	56	5	Square skeleton tower.	Visible from 330° to 311°.
21135	KINGUI ISLAND LIGHT	(C)		Fl W 6^s	30		White slatwork daymark on mast.	Visible from 285° to 157°.
21140	GILLATT ISLAND LIGHT	(C)	53 14.7 131 53.9	Fl (3) W 12^s 0.5^{s}fl 2.0^s ec 0.5^{s}fl 2.0^s ec 0.5^{s}fl 6.5^s ec	25		Mast.	
21145	*Dead Tree Point Lighted Whistle Buoy C19*	(C)		Fl G			Green.	
21150	*Lawn Point Lighted Bell Buoy C18*	(C)	53 23.9 131 53.8	Fl R			Red.	
21155	*Lawn Point Lighted Whistle Buoy C16*	(C)		Q R			Red.	
21160	LAWN POINT RANGE FRONT LIGHT	(C)	53 25.5 131 54.8	F W	38		Orange daymark on mast.	
21165	LAWN POINT RANGE REAR LIGHT 517 feet, 270° from front light.	(C)		F W	73		Orange daymark on mast.	RBN: 385 kHz LZ (•—•• ——••).
	Hecate Strait							
21170	*Rose Spit Lighted Whistle Buoy C25*	(C)		Fl G			Green.	
	EAST SIDE							
21175	**McInnes Island Light**	(C)	52 15.7 128 43.2	Fl W 5^s	105	16	White rectangular tower.	Visible 292°30′ to 115°. RBN: 380 kHz MS (—— •••). HORN: 3 blasts ev 50^s. (2^s bl-3^s si-2^s bl-3^s si-2s bl-48s si).
21180	*Luard Shoal Lighted Whistle Buoy E63*	(C)	52 24.2 128 53.5	Fl G			Green.	
21185	OTTER PASSAGE LIGHT	(C)	53 07.7 129 46.3	Fl (3) W 12^s 0.5^{s}fl 2.0^s ec 0.5^{s}fl 2.0^s ec 0.5^{s}fl 6.5^s ec	36		White mast.	
21190	BLOCK ISLANDS LIGHT	(C)	53 09 129 43.9	Fl W 6^s	20		Mast.	
21195	**Bonilla Island Light**	(C)	53 29.6 130 38.1	Fl W 5^s (R sector)	125	17	Tower. 32	White from 000° to 168°; red to 198°; obscured to 334°; red to 000°. RBN: 308 kHz L (•—••)III. HORN: 1 blast ev 30^s (3^s bl).

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
	EAST SIDE						
21200	NORTHWEST ROCKS LIGHT (C)	53 32.9 130 38	**Fl (3) W** 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	53		Mast.	
21205	LARSEN HARBOR LIGHT (C)		**Q R**	17		White mast.	
21210	BROWNING ENTRANCE LIGHT (C)	53 38.1 130 33.8	**Fl W** 6^s	36	5	Lattice tower.	Visible 020° to 264°.
21215	HANKIN ROCK LIGHT (C)	53 42.5 130 24.6	**Fl W** 4^s	27	5	Mast.	Ra ref.
21220	MOORE ISLAND LIGHT (C)	53 47.4 130 31.2	**Fl W** 6^s	16		Mast.	Visible 008° to 250°.
21225	FREEMAN PASSAGE LIGHT (C)	53 49.8 130 37.7	**Fl (3) W** 12^s 0.5^{s}fl 2.0^s ec 0.5^{s}fl 2.0^s ec 0.5^{s}fl 6.5^s ec	20	5	Mast.	Visible 242° to 217°.
21230	SEAL ROCKS LIGHT (C)		**Fl W** 6^s	43	5	White circular tower.	
21235	CHEARNLY PASSAGE LIGHT (C)	54 01.6 130 41.1	**Q W**	16		On mast.	
21240	BUTTERWORTH ROCKS LIGHT (C)	54 14.1 130 58.5	**Fl W** 6^s	26		Black tripod structure.	
21245	ARCHIBALD ISLANDS LIGHT (C)	54 12.9 130 49.9	**Fl W** 4^s	32		Mast.	
21250	HARRIS ROCK LIGHT (C)	54 13 130 45.8	**Fl W** 6^s	19		Mast.	
21255	**Triple Island Light** (C)	54 17.6 130 52.7	**Fl (2) W** 8^s 0.25^{s}fl 1.25^s ec 0.25^{s}fl 6.25^s ec	97	16	White tower. 76	RBN: 308 kHz 0 (– – –)II. HORN: 1 blast ev 60^s (4^s bl).
21260	*Hammer Rocks Lighted Whistle Buoy D57* (C)	54 18.9 130 48.8	**Fl G**			Green.	
	SMITH SOUND						
21265	**Egg Island Light** (C)	51 15 127 49.9	**Fl W** 5^s	290	16	Lattice tower. 85	HORN: 1 blast ev 60^s (6^s bl). Sounded from a white house 10 feet norhtward of lighthouse. RBN: 207 kHz UEM (•• – • – –).
21270	WATCHER ISLAND LIGHT (C)		**Fl W** 6^s	39	5	Mast.	Visible from 357° to 250°.
21275	DUGOUT ROCKS LIGHT (C)		**Fl (3) W** 12^s 0.5^s fl 2^s ec 0.5^s fl 2^s ec 0.5^s fl 6.5^s ec	68		White skeleton tower.	
	FITZHUGH SOUND						
21280	MAJOR BROWN ROCK LIGHT (C)	51 25.5 127 41.9	**Fl W** 6^s	38		White square mast.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
		N/W					
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
	FITZHUGH SOUND						
21285	CLARK POINT LIGHT (C)		Q W	35		White circular tower.	
21290	BOSQUET POINT LIGHT (C)	51 30.6 127 43.9	Fl W 6^s	16		Mast.	Obscured from 073° to 087°.
21295	**Addenbroke Island Light** (C)	51 36.2 127 51.7	Fl W 5^s	95	15	Skeleton tower 36	HORN: 1 blast ev 30^s (3^s bl). Emergency light.
21300	KWAKUME POINT LIGHT (C)		Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	27		Mast.	
21305	KELPIE POINT LIGHT (C)		Fl W 4^s	27		Black square mast.	
21310	KIWASH ISLAND LIGHT (C)		Fl W 6^s	17		Mast.	
21315	FOG ROCKS LIGHT (C)		Fl W 4^s	25		Square mast.	
	Lama Passage						
21320	Pointer Island Light (C)	52 03.6 127 56.8	Oc W 6^s	45	8	White skeleton tower. 39	HORN: 1 blast ev 20^s (2^s bl).
21325	WHITE POINT LIGHT (C)	52 04.5 127 57.9	Fl R 6^s	25		Red and white triangular daymark on mast.	
21330	SERPENT POINT LIGHT (C)	52 04.6 127 59.5	Q W	16		White circular tower.	
21335	WALKER (CAMP) ISLAND LIGHT (C)		Fl W 6^s	26	5	White circular frame.	Visible from 310°30′ to 168°30′.
21340	NAPIER POINT LIGHT (C)		Q W	14		White slat-work daymark on mast.	
21345	STORY POINT LIGHT (C)	52 08.9 128 08	Fl W 4^s	18		Mast.	
21350	*Saunders Island Lighted Buoy E20* (C)	52 10.3 128 07.3	Fl R			Red.	
21355	**Dryad Point Light** (C)	52 11.1 128 06.6	Oc W 5^s (R sector)	38	11	White square structure. 24	Red from 206°30′ to 339°; obscured from 039°30′ to 142°30′. HORN: 1 blast ev 18^s (2^s bl).
	Johnson Channel and Return Channel						
21360	SUNNY ISLAND LIGHT (C)	52 11.3 127 52.1	Fl W 4^s	25		White slatted daymark on mast.	
21365	BEAUMONT ISLAND LIGHT (C)		Fl W 6^s	26		White slatted circular daymark on mast.	Visible from 063° to 324°.
21370	DONALD POINT LIGHT (C)	52 17.6 128 05.9	Fl W 6^s	20	5	Square mast.	Visible from 055° to 240°.
21375	LAW ISLAND LIGHT (C)	52 16.1 128 10.3	Fl W 4^s	20	5	Square mast.	Visible from 090° to 270°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		BRITISH COLUMBIA					
		N/W					
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)						
	Johnson Channel and Return Channel						
21380	BARK ISLAND LIGHT (C)	52 10.1 128 02.9	**Fl W 6^{s}**	18		White square mast.	
21385	BLOW REEF LIGHT (C)		**Fl W 6^{s}**	16		Tower.	
21390	REGATTA ROCKS LIGHT (C)	52 13.1 128 08.6	**Fl R 4^{s}**	22		White circular tower, red band at top.	
	Seaforth Channel						
21395	*Dall Rocks Lighted Bell Buoy E33* (C)	52 13.1 128 09.3	**Fl G**			Green.	
21400	GLAHOLM ISLET LIGHT (C)		**Fl W 6^{s}**	16		Slatted daymark on mast.	
21405	HYNDMAN REEFS LIGHT (C)	52 15.7 128 14.5	**Fl W 6^{s}**	24		Square mark.	
21410	IDOL POINT LIGHT (C)	52 14.3 128 16.5	**Fl W 6^{s}**	25	5	White circular tower.	Visible from 093° to 304°.
21415	**Ivory Island Light** (C)	52 16.2 128 24.3	**Fl W 5^{s}**	73	18	Red skeleton tower.	Visible from 281° to 165°30′. HORN: 1 blast ev 30^{s} (3^{s} bl).
	Milbanke Sound						
21420	SUSAN ROCK LIGHT (C)	52 17.2 128 30.3	**Fl W 6^{s}**	52	5	White skeleton tower. 16	
21425	*Vancouver Rock Lighted Whistle Buoy E54* (C)	52 21.1 128 30.4	**Fl R**			Red.	
21430	JORKINS POINT LIGHT (C)		**Fl W 6^{s}**	28	5	White mast.	
21435	FREEMAN POINT LIGHT (C)	52 33.2 128 29.3	**Fl W 4^{s}**	20	5	Square mast.	
21440	LEGGE POINT LIGHT (C)		**Fl W 6^{s}**	6		Mast.	
21445	HIEKISH NARROWS LIGHT (C)	52 49.6 128 26.8	**Fl W 6^{s}**	16		Skeleton tower.	
21450	*Hewitt Rock Lighted Buoy EH* (C)	52 52.1 128 29.2	**Fl (2+1) R 6^{s}**			Red and green bands.	
21455	HEWITT ISLAND LIGHT (C)	52 52.4 128 29.8	**Fl W 4^{s}**	13		Mast.	
	Tolmie Channel						
21460	Boat Bluff Light (C)	52 38.6 128 31.3	**Oc W 3.5^{s}** **(R sector)**	39	5	Square skeleton tower.	White from 291° to 336°; red **from 336° to 092°; white from 092° to 134°; obscured elsewhere.** **HORN: 1 blast ev 20^{s} (2^{s} bl).**
21465	SPLIT HEAD (SEPARATION POINT) LIGHT (C)		**Fl W 4^{s}**	27		Mast.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
	STRAIT OF GEORGIA AND STRAIT OF JUAN DE FUCA (Chart 18400)	N/W					
	Tolmie Channel						
21470	TENAS ISLAND LIGHT (C)		Fl R 6^s	24		Black mast.	
21475	SARAH ISLAND LIGHT (C)	52 53 128 30.6	Fl (3) W 12^s 0.5^{s}fl 2.0^s ec 0.5^{s}fl 2.0^s ec 0.5^{s}fl 6.5^s ec	24	5	Skeleton tower. 20	
21480	QUARRY POINT LIGHT (C)		Fl G 6^s	16		Square tower. 14	
21485	GRIFFIN POINT LIGHT (C)		Fl W 6^s	20	5	White circular tower.	
	FRASER REACH AND McKAY REACH						
21490	REDCLIFF POINT LIGHT (C)	53 09.4 128 38.2	Fl W 4^s	16		White square mast.	
21495	WORK ISLAND LIGHT (C)		Fl W 6^s	18	5	Square mast.	
21500	KINGCOME POINT LIGHT (C)		Q W	23	5	Mast.	Visible from 107° to 312°.
21505	TRIVETT POINT LIGHT (C)		Fl W 4^s	21	5	Square mast.	
21510	POINT CUMMING LIGHT (C)		Fl W 6^s	20	6	White skeleton tower.	
21515	MONEY POINT LIGHT (C)	53 22.9 129 09.8	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	13		Square mast.	
	Laredo Sound						
21520	*Jaffrey Rock Lighted Whistle Buoy E64* (C)	52 27.3 128 49.4	Fl R			Red.	
21525	LOMBARD POINT LIGHT (C)	52 28.8 128 56.5	Fl W 4^s	45	5	White skeleton tower.	
21530	ABRAMS ISLAND LIGHT (C)	52 32.2 128 49.8	Fl (3) W 12^s	22		Mast.	Visible from 357° to 204°.
21535	HAIG ROCK LIGHT (C)	52 36.4 128 55.3	Fl W 6^s	24	5	Mast.	
21540	*Wilson Rock Lighted Bell Buoy E75* (C)	52 40 128 57.9	Fl G			Green.	
21545	RAMSBOTHAM ISLAND LIGHT (C)	52 41.9 129 02.1	Fl W 4^s	23		Mast.	Visible from 125° to 325°.
21550	*Morehouse Rock Lighted Bell Buoy EC* (C)	52 45.6 129 05.9	Fl (2+1) R 6^s			Red and green bands.	
21555	BAKER POINT LIGHT (C)	52 48.2 129 12.9	Fl W 6^s	21	5	White mast.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			BRITISH COLUMBIA				
	FRASER REACH AND McKAY REACH	N/W					
	Loredo Sound						
21560	DUCKERS ISLAND LIGHT (C)	52 55.6 129 11.5	Fl W 4^{s}	22	5	Mast.	
21565	DUPONT ISLAND LIGHT (C)	52 56.4 129 26.2	Fl W 6^{s}	25	5	White skeleton tower.	
21570	JACINTO ISLANDS LIGHT.	52 56.5 129 36.7	Fl W 4^{s}	110	5	On mast with white daymark.	
21575	McCREIGHT POINT LIGHT (C)	53 12.5 129 30	Fl W 6^{s}	25	5	On mast.	
21580	PRINCIPE CHANNEL LIGHT (C)	53 23.6 129 54.3	Fl W 6^{s}	20	5	On mast.	
21585	WHEELER ISLAND LIGHT (C)	53 33 130 08.6	Fl W 4^{s}	23		On white mast.	
21590	KESWAR POINT LIGHT (C)	53 37.6 130 20.9	Fl W 6^{s}	22	5	On mast.	Obscured from 126° to 315°.
	Whale Channel						
21595	ASHDOWN ISLAND LIGHT (C)	53 03.7 129 13.7	Fl (3) W 12^{s}	29	5	White tower.	
21600	LEVY POINT LIGHT (C)	53 04.7 129 12	Fl R 6^{s}	20		Mast.	
21605	YORK POINT LIGHT (C)	53 05.5 129 10.4	Q W	25		Square skeleton tower.	
21610	BORDE ISLAND LIGHT (C)	53 05.1 129 07.1	Fl W 4^{s}	27	5	White skeleton tower.	
	Grenville Channel						
21615	SAINTY POINT LIGHT (C)	53 22.3 129 18.7	Fl W 4^{s}	19		White circular tower.	
21620	BLOCK HEAD LIGHT (C)	53 18.1 129 20	Fl W 6^{s}	20		Mast.	
21625	TOM ISLAND LIGHT (C)	53 32.6 129 36.2	Fl (3) W 12^{s} 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 2.0^{s} ec 0.5^{s} fl 6.5^{s} ec	18		White slatted daymark on mast.	
21630	ORMISTON POINT LIGHT (C)		Fl W 6^{s}	15		White circular tower.	
21635	SAUNDERS CREEK LIGHT (C)	53 36.3 129 41.6	Fl W 4^{s}	10		Mast.	
21640	KLEWNUGGIT LIGHT		Q W	15	5	Red and white banded triangular skeleton tower.	
21645	PITT ISLAND LIGHT (C)	53 42 129 48.6	Fl W 6^{s}	21	5	White square mast.	
21650	PITT POINT LIGHT (C)		Fl W 6^{s}	21	5	White mast.	
21655	WATSON ROCK LIGHT (C)		Fl W 4^{s}	25		Mast.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
		N/W					
	FRASER REACH AND McKAY REACH						
	Arthur Passage and Malacca Passage						
21660	KENNEDY ISLAND LIGHT (C)	54 00.4 130 12.4	**Fl W 6^s**	16	5	Tripod mast.	
21665	HERBERT REEFS LIGHT (C)		**Fl (3) W** 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	23		White mast with white slatted daymark.	
21670	HANMER ISLAND LIGHT (C)		**Fl R 4^s**	14		Mast.	Visible from 282° to 127°.
21675	*Cecil Patch Lighted Bell Buoy D9* (C)		**Fl G**			Black.	
21680	GENN ISLAND LIGHT (C)		**Fl W 6^s**	30		White circular tower, red band at top.	
21685	**Lawyer Islands Light** (C)	54 06.8 130 20.5	**Fl W 5^s**	126	15	Skeleton tower. 65	HORN: 2 blasts ev 60^s (3^s bl-3^s si-3^s bl-51^s si). Horn points 270° from a building 150 yards southward of lighthouse.
	Chatham Sound						
21690	USELESS POINT LIGHT (C)	54 02.4 130 33.7	**Fl W 6^s**	18	5	White circular tower.	
21695	HAVELOCK ROCK LIGHT (C)	54 05.9 130 28.9	**Fl W 4^s**	15		Skeleton tower.	HORN: 2 blast ev 60^s. Horn points 270°.
21700	GULL ROCK LIGHT (C)	54 08 130 31.1	**Fl R 6^s**	26		Rectangular skeleton tower. 10	
21705	NORTH RACHAEL ISLAND LIGHT (C)		**Fl (3) W** 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	20		White square mast.	Visible from 160° to 341°.
21710	HOLLAND ROCK LIGHT (C)	54 10.3 130 21.6	**Fl (3) W** 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	22		White skeleton tower.	
21715	GREENTOP ISLET LIGHT (C)	54 10.7 130 24.6	**Fl W 6^s**	35		Mast.	
21720	*Agnew Bank Lighted Bell Buoy D24* (C)		**Fl R**			Red.	
21725	EAST KINAHAN ISLAND LIGHT (C)		**Fl W 6^s**	24	5	White cylindrical tower.	
21730	*Petrel Rock Lighted Bell Buoy D39* (C)	54 13.7 130 24.9	**Fl G**			Green.	
	Prince Rupert Harbor						
21735	*Georgia Rock Lighted Bell Buoy D43* (C)	54 13.3 130 21.6	**Fl G**			Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	BRITISH COLUMBIA						
	FRASER REACH AND McKAY REACH	N/W					
	Prince Rupert Harbor						
21740	BARRETT ROCK LIGHT (C)	54 14.6 130 20.5	Fl R 6^s	17		White circular tower, red at top.	HORN: 2 blasts ev 20^s. (1^s bl-1^s si-1^s bl-17^s si).
21745	*Spire Ledge Lighted Bell Buoy D47* (C)		Fl G			Green.	
21750	FREDERICK POINT LIGHT (C)	54 15.5 130 21.5	Fl G 4^s	15		White circular tower, green band at top.	
21755	CASEY POINT LIGHT (C)		Q R	20		White 7-pile dolphin.	
21760	PARIZEAU POINT LIGHT (C)		Fl W 6^s	14		3-pile dolphin.	
21765	GRINDSTONE POINT LIGHT (C)		Fl R 4^s	17		White tower, red band at top.	
	CHATHAM SOUND						
21770	**Lucy Island Light** (C)	54 17.7 130 36.4	Fl R 5^s	71	14	White tower.	Visible from 094°30′ to 351°30′. HORN: 2 blasts ev 60^s. (3^s bl-3^s si-3^s bl-51^s si).
21775	*Tugwell Reef Lighted Bell Buoy D61* (C)		Fl G			Green.	
21780	SHRUB ISLAND LIGHT (C)		Q R	13		White circular tower, red band at top.	
21785	RYAN POINT REEF LIGHT (C)	54 21.6 130 29.9	Fl W 6^s	18		Mast.	Visible 023° to 177°.
21790	*Hodgson Reefs Lighted Whistle Buoy D84* (C)		F R			Red.	
21795	SLIPPERY ROCK LIGHT (C)	54 24 130 29.7	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	22		White circular tower.	
21800	*Tree Bluff Lighted Bell Buoy D86* (C)	54 25.8 130 30.8	Fl R			Red.	
21805	WHITESAND ISLAND LIGHT (C)	54 30.8 130 44.8	Fl W 4^s	22		White skeleton tower.	
21810	BIRNIE ISLAND LIGHT (C)		Fl W 4^s	28		White mast.	
21815	POINTER ROCKS LIGHT (C)		Fl W 6^s	21		White circular tower.	
21820	**Green Island Light** (C)	54 34.1 130 42.4	Fl W 5^s	63	13	White tower. 35	HORN: 1 blast ev 30^s (3^s bl). Emergency light.
21825	HOLLIDAY ISLAND LIGHT (C)	54 37.4 130 45.5	Fl W 6^s	30	5	White slatted daymark.	Visible from 109° to 354°.
21830	JACINTO POINT LIGHT (C)	54 34.8 131 04.5	Fl W 6^s	35	5	Skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Dixon Entrance						
21835	LORD ROCK LIGHT	54 43.6 130 49.1	Fl W 4^s	38	7	NR on skeleton tower.	
21840	TREED POINT LIGHT	54 48.2 130 55.9	Fl W 6^s	86	9	White square tower on building. 66	Obscured from 158° to 318°.
21845	BARREN ISLAND LIGHT	54 44.7 31 20.9	Fl W 4^s	85	7	NR on skeleton tower.	
21850	CAPE CHACON LIGHT	54 41.5 132 00.9	Fl W 2.5^s	50	6	NR on frame.	Obscured from 112° to 226.5°.
21855	POINT MARSH LIGHT	54 42.7 132 17.6	Fl W 4^s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.
	Portland Inlet						
21860	LIZARD POINT LIGHT (C)	54 50 130 16.5	Fl W 6^s	24		White circular tower.	
21865	RAMSDEN POINT LIGHT (C)	54 59 130 06.2	Fl (3) W 12^s	27		Orange ball daymark on pole.	Obscured from 117.5° to 260°.
	Pearse Canal						
21870	– ISLAND LIGHT (C)	54 47.1 130 36.5	Fl W 4^s	20	6	White square daymark on skeleton tower.	
	Portland Canal						
21875	REEF ISLAND LIGHT	55 04.8 130 12.1	Fl W 4^s	19	6	NR on skeleton tower.	Higher intensity beam up Portland Canal, higher intensity beam down Pearse Canal. Obscured from 020.5° to 197.5°.
21880	HATTIE ISLAND LIGHT (C)	55 17.2 129 58.4	Fl W 6^s	21	5	Orange circular slatwork daymark on pole.	Visible from 336° to 171°.
21885	CLIFF POINT LIGHT	55 40.9 130 07.5	Fl W 6^s	34	5	NR on skeleton tower.	Obscured from 157° to 343°.
21890	Hyder Harbor Entrance Buoy 1	55 54.3 130 00.2				Green can.	
21895	Salmon River Shoal Buoy 3	55 54.5 130 00.2				Black can.	
21900	STEWART LIGHT (C)	55 54.7 129 59.4	Fl (3) W 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	12		Square skeleton tower.	
21905	STEWART DOLPHIN WEST LIGHT (C)	55 54.8 130 00.1	Fl (3) G 12^s 0.5^s fl 2.0^s ec 0.5^s fl 2.0^s ec 0.5^s fl 6.5^s ec	23		Eight pile on dolphin.	
	Nakat Bay						
21910	Tongass Reef Daybeacon	54 47.2 130 44.6				NR on skeleton tower.	
21915	BOAT ROCK LIGHT	54 46.8 130 47.9	Fl W 2.5^s	46	6	NR on skeleton tower.	Obscured from 049° to 210°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Revillagigedo Channel						
21920	EAST ISLAND LIGHT 3	54 52.2 131 11.6	**Fl W** 2.5^{s}	43	7	SG on skeleton tower.	Obscured from 014° to 184°.
21925	FOGGY POINT LIGHT	54 55.5 130 58.5	**Fl W** 4^{s}	17	6	NR on skeleton tower.	
21930	BLACK ROCK LIGHT 6	55 01.4 131 03.5	**Fl R** 6^{s}	55	5	TR on cylindrical house on pyramidal skeleton tower.	
21935	SLATE ISLANDS LIGHT 8	55 05.3 131 03.1	**Fl R** 4^{s}	33	3	TR on small house.	Obscured from 121° to 247°.
21940	MARY ISLAND LIGHT	55 06 131 10.9	**Fl W** 6^{s}	76	6	On white square tower on white building.	Obscured from 341° to 150°.
21945	TWIN ISLANDS LIGHT 11	55 08.6 131 12.9	**Fl G** 6^{s}	19	5	SG on square frame structure.	Obscured from 324° to 081°.
21950	HOG ROCKS LIGHT 13	55 10.7 131 16.9	**Fl G** 4^{s}	23	5	SG on truncated concrete pyramid.	
21955	ANGLE POINT LIGHT 14	55 14.3 131 25.4	**Fl W** 6^{s}	24	4	TR on small house.	Obscured from 132° to 288°. High intensity beam toward 119°.
21960	Mastic Rock Daybeacon.					NR on pile.	
21965	SPIRE ISLAND REEF LIGHT 15	55 16.1 131 29.9	**Fl G** 4^{s}	30	3	SG on square truncated concrete pyramid.	
21970	Cutter Rocks Daybeacon 16					TR on skeleton tower.	
21975	MOUNTAIN POINT LIGHT 18	55 17.7 131 32.8	**Fl W** 6^{s}	29	6	TR on skeleton tower.	Obscured from 117° to 282°.
21980	*Potter Rock Lighted Bell Buoy*	55 18.1 131 34.5	**IQ R**		4	Red and green bands.	
	Felice Strait						
21985	*Indian Rock Lighted Buoy 6*	55 01.8 131 20.7	**Fl R** 4^{s}		3	Red.	
	Felice Strait						
21990	SNIPE ISLAND LIGHT 5	55 00.3 131 23.2	**Fl G** 6^{s}	20	4	SG on skeleton tower.	
21995	AJAX REEF LIGHT 3	55 00.1 131 27.6	**Fl G** 4^{s}	31	3	SG on small house on tower.	
22000	HARRIS ISLAND LIGHT 2	55 00.3 131 32.1	**Fl R** 6^{s}	16	4	TR on skeleton tower.	Obscured from 294° to 083°.
22005	POINT DAVIDSON LIGHT	54 59.7 131 36.8	**Fl W** 6^{s}	33	6	NR on skeleton tower.	Obscured from 138° to 250°.
	Tamgas Harbor						
22010	–ENTRANCE LIGHT	55 01.3 131 30.8	**Fl W** 4^{s}	30	4	NR on small house on skeleton tower.	
22015	–Buoy 1					Black can.	
	Nichols Passage						
22020	*Hid Reef Lighted Whistle Buoy 2*	55 04.2 131 40.4	**Fl R** 4^{s}		3	Red.	

ALASKA - SEVENTEENTH DISTRICT

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	West Channel						
22025	Point McCartey Buoy 3					Green can.	
22030	POINT McCARTEY LIGHT 3A	55 06.9 131 42.2	Fl G 6^{s}	44	5	SG on skeleton tower.	Obscured from 080° to 090°, and from 113° to 197°.
22035	- *West Channel Lighted Bell Buoy 4*	55 08.8 131 39.6	Fl R 2.5^{s}		4	Red.	
	East Channel						
22040	- Daybeacon 4	55 09.3 131 36.3				TR on single pile.	
22045	Kelp Rocks Buoy 5					Black can.	
22050	WARBURTON ISLAND LIGHT 3	55 07.9 131 37.9	Fl G 2.5^{s}	35	4	SG on skeleton tower.	Obscured from 063° to 189°.
22055	GULL ISLAND LIGHT GI	55 08.3 131 36.3	IQ R		3	JR on single pile.	
22060	DRIEST POINT LIGHT 6	55 10.6 131 36.3	Fl R 6^{s}	29	4	TR on small house.	Obscured from 177° to 328°.
	Port Chester						
22065	METLAKATLA BOAT HARBOR LIGHT 2	55 07.9 131 35	Fl W 2.5^{s}		5	TR on skeleton tower.	
22070	Metlakatla Inner Harbor Daybeacon 3	55 07.9 131 35				SG on single pile.	
22075	Metlakatla Inner Harbor Daybeacon 5	55 07.8 131 35.1				SG on single pile.	
	Nichols Passage						
22080	Metlakatla Inner Harbor Daybeacon 7	55 07.8 131 35				SG on single pile.	
22085	VILLAGE POINT LIGHT 4	55 07.9 131 34.6	Fl R 4^{s}	40	3	TR on skeleton tower.	
22090	METLAKATLA BREAKWATER LIGHT 1	55 07.8 131 34.1		15	5	SG on skeleton tower, concrete base.	
22095	METLAKATLA PIER LIGHTS (2)	55 07.8 131 34.1	F R	10		On dock.	Private aids.
22100	*Scrub Island Lighted Buoy 5*		Fl G 6^{s}		3	Black.	
22105	Scrub Island Buoy 7	55 08.5 131 33.8				Black can.	
22110	*Lively Rock Lighted Buoy 9*		Fl G 4^{s}		4	Black.	
22115	BAILEY ROCK LIGHT 8	55 15.4 131 35.9	Fl R 4^{s}	20	4	TR on pile.	
22120	BLANK ISLAND LIGHT 9		Fl G 2.5^{s}	37	5	SG on skeleton tower.	Obscured from 042° to 197.5°.
22125	WALDEN ROCK LIGHT 10	55 16.3 131 36.6	Fl R 6^{s}		3	TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Tongass Narrows						
22130	- *West Channel Lighted Buoy 2*		Fl R 2.5^s		3	Red.	
22135	- WEST CHANNEL LIGHT 4	55 19.2 131 38.5	Fl R 4^s	18	5	TR on skeleton tower.	Obscured from 126° to 315°.
22140	- *West Channel Lighted Buoy 5*	55 18.2 131 38.8	Fl G 4^s		3	Green.	
22145	- East Channel Entrance Buoy 2	55 18.6 131 35.2				Red nun.	
22150	*California Rock Lighted Buoy 3*	55 18.9 131 36.1	Fl G 4^s		3	Black.	
22155	*Idaho Rock Lighted Buoy 4*		Fl R 4^s		3	Red.	
22160	Standard Oil Company Pier Lights (2)	55 20.1 131 37.6	F R				Private aids.
22165	THOMAS BASIN ENTRANCE LIGHT 2	55 20.3 131 38.5	Fl R 2.5^s	28	4	TR on steel tower.	
22170	THOMAS BASIN ENTRANCE LIGHT 3		Fl G 2.5^s	14	4	SG on dolphin.	
22175	- *East Channel Lighted Buoy 4A*	55 20.4 131 38.9	Fl R 6^s		3	Red.	Marks 4 fathom shoal.
22180	KETCHIKAN PORT DOCK NO. 1 SIGNALS	55 20.5 131 38.9	Fl R F G	24		Rectangular white instruction sign.	When red light flashes dock is closed to transient moorage and open to cruise ship shore boats. When green light is on, dock is open. Maintained from May 15 to Oct. 1. Private aid.
22185	KETCHIKAN PORT DOCK NO. 2 SIGNALS.	55 20.5 131 38.9	Fl R F G	26		Rectangular white instruction sign.	When red light flashes dock is closed to transient moorage and open to cruise ship shore boats. When green light is on, dock is open. Maintained from May 15 to Oct. 1. Private aid.
22190	*Pennock Island Reef Lighted Buoy PR*	55 20.3 131 40	IQ W		4	Black and red bands.	
22195	- *Wreck Lighted Buoy WR6*	55 20.7 131 40.3	Q R		4	Red.	Marks sunken barge.
22200	BAR HARBOR SOUTH ENTRANCE LIGHT 2A	55 20.9 131 40.6	Fl R 4^s	11	3	TR on skeleton tower on concrete base.	
22205	BAR HARBOR SOUTH ENTRANCE LIGHT 3B		Fl G 4^s	10	3	SG on skeleton tower on concrete base.	
22210	BAR HARBOR ENTRANCE LIGHT 2	55 21 131 41	Fl R 2.5^s	8	4	TR on pole.	
22215	BAR HARBOR ENTRANCE LIGHT 3	55 21 131 41	Fl G 2.5^s	8	4	SG on pole.	
22220	BAR HARBOR NORTH ENTRANCE LIGHT	55 21.1 131 41.3	Fl R 6^s	8	4	NR on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Tongass Narrows						
22225	EAST CLUMP LIGHT 7	55 20.7 131 41.2	**Fl G** 6^s	15	4	SG on square frame.	
22230	- Buoy 9					Black can.	
22235	Marine Highway Wharf Lights (2)	55 21.3 131 41.8	**Fl R** 4^s	13	3	On boxes on concrete wharf.	Private aids.
22240	*- Lighted Buoy 10*	55 22.4 131 43.5	**Fl R** 2.5^s		3	Red.	
22245	LEWIS REEF LIGHT 11	55 22.5 131 44.2	**Fl W** 2.5^s	15	6	SG on concrete pyramid.	
22250	Peninsula Point Reef Buoy 2					Red nun.	
22255	CHANNEL ISLAND LIGHT 14	55 23.7 131 45.8	**Fl R** 4^s	24	5	TR on skeleton tower on concrete base.	Obscured from 238° to 268°.
22260	*Ohio Rock Lighted Buoy*		**IQ W**		5	Red and black bands.	
22265	Refuge Cove Light 2	55 24 131 44.9	**Fl R** 6^s		3	TR on skeleton tower.	
22270	Refuge Cove Daybeacon 3	55 24.1 131 44.9				SG on pole.	
22275	Refuge Cove Daybeacon 5	55 24.3 131 44.7				SG on pole.	
22280	ROSA REEF LIGHT 15	55 24.8 131 48.1	**Fl G** 6^s	23	6	SG on small white house on pyramidal base.	
22285	*Pond Reef Lighted Buoy 16*	55 26.2 131 48.8	**Fl R** 2.5^s		4	Red.	
22290	Vallenar Point Buoy 17	55 25.8 131 50.4				Green can.	
22295	VALLENAR ROCK LIGHT	55 25.9 131 51.7	**Fl W** 2.5^s	18	6	NR on column.	
22300	**Guard Islands Light**	55 26.8 131 52.8	**Fl W** 5^s	74	23	White square tower on rectangular building.	RBN: 324 kHz J (•——–). Antenna 190 feet 017° from light tower. See p. xxii for Special Calibration Service. Emergency light of lower intensity if main light is extinguished.
	Behm Canal						
22305	CLOVER PASSAGE ENTRANCE LIGHT	55 28.7 131 48.7	**Fl W** 6^s	20	5	NR on skeleton tower.	Obscured from 102° to 230°.
22310	Clover Passage Daybeacon	55 28.6 131 47.9				TR on pile.	
22315	Knudson Cove Daybeacon	55 28.3 131 47.7				NR on pile.	
22320	Knudson Cove Breakwater Daybeacon	55 28.4 131 47.7				SG on breakwater.	Private aid.
22325	Hump Island Daybeacon					NR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Behm Canal						
22330	GRANT ISLAND LIGHT	55 33.4 131 43.6	Fl W 6^s	18	6	NR on skeleton tower.	
22335	HELM BAY LIGHT	55 34.8 131 55.6	Fl W 4^s	18	5	NR on skeleton tower.	
22340	BUSHY POINT LIGHT	55 43.9 131 43.8	Fl W 4^s	20	7	NR on skeleton tower.	
22345	BLUFF POINT LIGHT	55 53.1 131 44.7	Fl W 6^s	20	6	NR on skeleton tower.	
22350	SNIPE POINT LIGHT	55 55.6 131 36.8	Fl W 2.5^s	32	4	NR on skeleton tower.	Higher intensity down Behm Canal and Hassler Pass.
	Clarence Strait						
22355	CAPE CHACON LIGHT	54 41.5 132 00.9	Fl W 2.5^s	50	6	NR on frame.	Obscured from 112° to 226.5°.
22360	McLEAN POINT LIGHT	54 47.5 131 57.3	Fl W 4^s	58	5	NR on skeleton tower.	Obscured from 012° to 165.5°.
22365	MOIRA ROCK LIGHT	55 05 131 59.8	Fl W 4^s	40	5	NR on pipe structure.	
22370	SKIN ISLAND LIGHT	55 18.2 132 04.4	Fl W 4^s	43	6	NR on skeleton tower.	Obscured from 006° to 152°.
22375	HIGH ISLAND LIGHT	55 24.1 132 09.8	Fl W 6^s	40	6	NR on skeleton tower.	Obscured from 330° to 132°.
	Kasaan Bay						
22380	SKOWL POINT LIGHT	55 25.7 132 16.1	Fl W 4^s	19	5	NR on skeleton tower.	
22385	Smith Cove Buoy 1	55 26 132 20				Black.	Private aid.
22390	Smith Cove Buoy 3	55 26.2 132 20.3				Black.	Private aid.
22395	Smith Cove Buoy 4	55 26.3 132 20.2				Red	Private aid.
22400	KASAAN LIGHT	55 32.1 132 23.6	Fl W 4^s	26	5	NR on small house.	Obscured from 120.5° to 302.5°
22405	Hollis Anchorage Daybeacon	55 28.8 132 39.1				NR on single pile.	
22410	Clark Bay Daybeacon	55 29.3 132 37				NG on pile.	
	Clarence Strait						
22415	CAAMANO POINT LIGHT	55 29.9 131 58.9	Fl W 6^s	41	6	NR on skeleton tower.	Obscured from 124° to 276°.
22420	Niblack Point Daybeacon					NR on pole.	
22425	SHIP ISLAND LIGHT	55 36 132 12	Fl W 4^s	44	5	NR on skeleton tower.	Partially obscured by trees between island and main shore from 180° to 305°.
22430	Misery Island Daybeacon 1	55 44.7 132 16.5				SG on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)	N/W					
	Clarence Strait						
22435	Meyers Chuck Buoy 3					Black can.	
22440	Thorne Bay Light 2	55 40.7 132 27.4	**Fl R** 6^{s}	20	4	TR on skeleton tower.	Light obscured 133° to 248°.
22445	MEYERS CHUCK LIGHT 4	55 44.5 132 15.7	**Fl W** 4^{s}	20	6	TR on skeleton tower.	Obscured from 318° to 041° for vessels transiting Meyers Chuck Inner Harbor; obscured from 106° to 041° for vessels transiting Clarence Strait. Higher intensity beam on 264°.
22450	*McHenry Ledge Lighted Bell Buoy 2*	55 46.8 132 18.2	**Fl W** 2.5^{s}		5	Red.	
22455	NARROW POINT LIGHT	55 47.5 132 28.5	**Fl W** 6^{s}	35	6	NR on small house.	Obscured from 337° to 152°.
22460	RATZ HARBOR ENTRANCE LIGHT	55 53.3 132 35.8	**Fl W** 4^{s}	20	5	NR on small house.	
22465	Point Stanhope Buoy 2					Red nun.	
22470	LINCOLN ROCK WEST LIGHT	56 03.4 132 41.8	**Fl W** 6^{s}	58	9	NR on skeleton tower on concrete base.	
22475	KASHEVAROF PASSAGE ENTRANCE LIGHT 1	56 02.9 132 51.7	**Fl W** 4^{s}	27	6	SG on skeleton tower.	Obscured from 340° to 061°.
22480	KEY REEF LIGHT	56 09.6 132 49.8	**Fl W** 6^{s}	35	6	SG on small white house on truncated concrete pyramid.	
22485	Point Harrington Buoy 4.	56 10.7 132 44.3				Red nun.	
22490	NESDITT REEF LIGHT 2	56 13.2 132 51.7	**Fl W** 2.5^{s}	27	5	TR on skeleton tower on concrete pier.	
22495	KASHEVAROF PASSAGE LIGHT 2	56 10.8 133 01.2	**Fl W** 6^{s}	27	6	TR on skeleton tower.	
22500	Kashevarof Passage Daybeacon 4	56 12.9 133 01.2				TR on pile.	
22505	*Snow Passage Lighted Buoy 4*	56 16.2 132 56.5	**Fl R** 6^{s}		4	Red.	
22510	BUSHY ISLAND LIGHT 5	56 16.6 132 57.5	**Fl W** 4^{s}	22	6	SG on small house on brown cylindrical base.	Obscured from 358° to 111°.
22515	*Snow Passage Lighted Buoy SP*	56 19.2 133 05.2	**IQ R**		4	Black and red bands.	
22520	ROOKERY ISLANDS LIGHT 7	56 18.9 133 06.3	**Fl W** 4^{s}	40	6	SG on small house.	Obscured from 353° to 097°.
22525	Bay Point Daybeacon 9	56 20.2 133 09.7				SG on pipe tower.	
	Ernest Sound						
22530	EASTERLY ISLAND LIGHT	55 53.8 132 05.3	**Fl W** 4^{s}	28	6	NR on square frame.	
22535	Brownson Island Rocks Daybeacon	55 56 132 06.7				SG on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
		N/W					
	HECATE STRAIT TO ETOLIN ISLAND (Chart 17420)						
	Ernest Sound						
22540	SOUTH NIBLACK ISLANDS LIGHT	56 00.4 132 05.3	Fl W 2.5^s	24	5	NR on square frame.	Higher intensity up and down channel.
22545	FOUND ISLAND LIGHT	56 06.2 132 04.7	Fl W 6^s	34	6	NR on frame.	
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)						
	Zimovia Strait						
22550	Found Island Rock Daybeacon	56 06.8 132 04.3				NR on pole on concrete pier.	
22555	- LIGHT 2	56 11.1 132 12.7	Fl R 2.5^s	23	4	TR on pile.	
22560	Trap Rock Buoy 3					Green can.	
22565	Button Island Shoal Buoy 5	56 12.1 132 14.8				Black can.	
22570	- LIGHT 6		Fl R 2.5^s	24	4	TR on pile.	
22575	Double Rock Daybeacon 8					TR on pile.	
22580	- Buoy 9					Black can.	
22585	- Buoy 10					Red nun.	
22590	Midchannel Rock Daybeacon					JR on single steel pile.	
22595	Village Rock Daybeacon 12					TR on single steel pile.	
22600	VILLAGE ISLANDS LIGHT 13		Fl G 4^s	17	4	SG on pile.	
22605	Village Islands Rock Daybeacon 15					SG on pole on concrete pier.	
22610	HAT ISLAND LIGHT 19	56 22.5 132 25.5	Fl W 4^s	23	6	SG on skeleton tower.	Obscured from 091° 234°.
	Shoemaker Bay						
22615	- Smallboat Harbor Daybeacon 1	56 25.1 132 21.1				SG on pile.	
22620	- SMALLBOAT HARBOR LIGHT 2	56 25 132 21	Fl R 2.5^s	20	3	TR on pile.	
22625	- Smallboat Harbor Daybeacon 3					SG on pile.	
22630	WRANGELL HARBOR BREAKWATER LIGHT 2	56 28 132 23	Fl R 4^s	21	5	TR on skeleton frame.	
22635	WRANGELL DOCK LIGHTS(4)	56 28.2 132 23.2	F G	12	3		Private aids.
22640	Wrangell Harbor Daybeacon 4					TR on pile.	
22645	Wrangell Harbor Daybeacon 5					SG on pile.	
22650	Wrangell Harbor Daybeacon 6					TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Shoemaker Bay						
22655	Wrangell Harbor Daybeacon 7					SG on pile.	
22660	Wrangell Harbor Daybeacon 8					TR on pile.	
	Blake Channel						
22665	Oil Dock Reef Daybeacon 2					TR on pile.	
22670	– LIGHT 1	56 12.7 131 55.3	Fl W 4^{s}	28	6	SG on skeleton tower.	Higher intensity beam up channel.
22675	– LIGHT 2	56 20.8 132 00.3	Fl W 2.5^{s}	17	6	TR on square frame.	Higher intensity beam down channel.
	Eastern Passage						
22680	The Narrows Buoy 3	56 21.8 132 06.6				Green can.	
22685	– LIGHT 5	56 22.2 132 10.2	Fl W 4^{s}	24	6	SG on square frame.	Higher intensity beam up channel.
22690	– LIGHT 7	56 29.7 132 22.1	Fl W 2.5^{s}	13	6	SG on square frame.	
	Stikine Strait						
22695	STEAMER POINT LIGHT 6	56 13.4 132 42.7	Fl W 4^{s}	30	6	TR on small house.	Obscured from 213° to 017°.
22700	ROUND POINT LIGHT 7	56 16.7 132 39.4	Fl W 6^{s}	24	5	SG on small house.	Obscured from 006.5° to 201.5°
22705	SOUTH CRAIG POINT LIGHT 9	56 23.4 132 37.3	Fl G 6^{s}		4	SG on single steel pile.	Obscured from 006° to 178°.
22710	POINT ANCON LIGHT 10	56 24.4 132 33.2	Fl R 6^{s}	20	5	TR on square frame.	Obscured from 214° to 014°.
22715	Woronkofski Point Daybeacon 12	56 26.4 132 28.7				TR on skeleton tower.	
22720	VANK ISLAND LIGHT 11	56 26.9 132 35.9	Fl G 4^{s}	24	4	SG on pile.	Obscured from 110° to 264°.
22725	FIVE MILE ISLAND LIGHT	56 28.3 132 30.7	Fl W 4^{s}	34	5	NR on skeleton tower.	Obscured from 329° to 100°.
	Sumner Strait						
22730	POINT COLPOYS LIGHT	56 20.2 133 11.8	Fl W 6^{s}	19	6	NR on skeleton tower.	Obscured from 302° to 102°.
22735	*McArthur Reef Lighted Bell Buoy*	56 23.7 133 10.6	IQ G		4	Black and red bands.	
22740	*Mitchell Point Lighted Buoy 9*	56 25.4 133 10.7	Fl G 6^{s}		4	Green.	
22745	VICHNEFSKI ROCK LIGHT 12	56 26.3 133 00.8	Fl W 4^{s}	38	6	TR on small house on skeleton tower.	1 1/4 fathom rock, 630 yards 214° from light.
22750	*Level Island Lighted Buoy 11*	56 27.1 133 02.5	Fl G 4^{s}		4	Black.	
22755	Low Point Daybeacon 14					TR on square frame.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Sumner Strait						
22760	STATION ISLAND LIGHT 15	56 29.7 132 45.7	Fl W 2.5^s	19	6	SG on square frame structure.	
22765	CRAIG POINT LIGHT 16	56 27.4 132 42.9	Fl W 6^s	11	6	TR on square frame.	Obscured from 301° to 096°.
22770	TWO TREE ISLAND LIGHT 18	56 29.7 132 38	Fl R 2.5^s	22	4	TR on square frame.	
	Dry Strait						
22775	– LIGHT 1	56 35 132 32.5	Fl G 4^s	20	4	SG on square frame.	
22780	– Daybeacon 3	56 36.5 132 33				SG on skeleton tower.	
22785	– LIGHT 5	56 38.2 132 36.6	Fl G 6^s	17	4	SG on square frame.	
	Duncan Canal						
22790	Foremost Rock Daybeacon	56 30.2 133 00.3				NR on pole.	
22795	BUTTERWORTH ISLAND LIGHT 2	56 32.2 133 04.4	Fl R 2.5^s	21	4	TR on frame structure.	
22800	– LIGHT 3	56 32.5 133 05.3	Fl G 6^s	21	4	SG on frame structure.	
22805	– Buoy 4	56 33.8 133 05				Red nun.	
22810	– Buoy 5	56 34.5 133 05.3				Black can.	
22815	BEECHER PASS LIGHT 6	56 34.8 133 04.4	Fl R 4^s	15	3	TR on pole.	Obscured from 252° to 017°.
22820	– Buoy 8	56 38.6 133 06.3				Red nun.	
	Wrangell Narrows						
22825	POINT ALEXANDER LIGHT	56 30.7 132 56.9	Fl W 4^s	17	6	NR on skeleton tower.	Obscured from 162° to 293°.
22830	MIDWAY ROCK LIGHT	56 31.8 132 57.8	Fl R 4^s	14	3	TR on skeleton tower.	
22835	DECEMBER POINT LIGHT	56 32.9 132 57.6	Fl W 6^s	15	6	NR on pile.	
22840	POINT LOCKWOOD LIGHT	56 33.4 132 57.8	Fl G 4^s	15	4	NR on skeleton tower.	Obscured from 027° to 166°.
22845	– CHANNEL LIGHT 1		Fl G 2.5^s	22	3	SG on concrete pier.	
22850	– CHANNEL LIGHT 2		Fl R 2.5^s	15	3	TR on dolphin.	
22855	– *Channel Lighted Buoy 2A*		Fl R 2.5^s		3	Red.	
22860	– *Channel Lighted Buoy 3*		Fl G 2.5^s		3	Black.	
22865	– CHANNEL LIGHT 4		Fl R 2.5^s	18	3	TR on cylindrical base.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Wrangell Narrows						
22870	– *Channel Lighted Buoy 3A*		Fl G 4^{s}		3	Black.	
22875	– Tow Channel Buoy 1TC					Green can.	
22880	– Tow Channel Buoy 3TC					Green can.	
22885	– Tow Channel Buoy 4TC					Red nun.	
22890	– CHANNEL LIGHT 5		Fl G 2.5^{s}	9	3	SG on skeleton tower.	
22895	– CHANNEL LIGHT 8		Fl R 2.5^{s}	10	3	TR on dolphin.	
22900	BURNT ISLAND RANGE FRONT LIGHT	56 36.4 132 58.5	F W	10		KRW on multi-pile steel structure.	Visible 4° each side of rangeline.
22905	BURNT ISLAND RANGE REAR LIGHT 390 yards, 356.5° from front light.		F W	26		KRW on dolphin.	Visible 4° each side of rangeline.
22910	– *Channel Lighted Buoy 9*		Fl G 4^{s}		3	Black.	
22915	– CHANNEL LIGHT 10		Q R	15	3	TR on steel pile structure.	
22920	– CHANNEL LIGHT 11		Fl G 2.5^{s}	15	3	SG on pyramid.	
22925	– Channel Buoy 13					Black can.	
22930	–Channel Buoy 13A	56 36.7 132 58.3				Black can.	
22935	– CHANNEL LIGHT 14		Fl R 2.5^{s}	15	3	TR on steel pile structure.	
22940	BUSH TOP ISLAND RANGE FRONT LIGHT	56 37.9 132 57	Q W	15		KRW on steel pile structure.	Visible 4° each side of rangeline.
22945	BUSH TOP ISLAND RANGE REAR LIGHT 460 yards, 029° from front light.		F W	28		KRW on skeleton tower.	Visible 4° each side of rangeline.
22950	– CHANNEL LIGHT 15		Fl G 2.5^{s}	15	3	SG on dolphin.	
22955	– CHANNEL LIGHT 16		Fl R 2.5^{s}	15	3	TR on steel pile structure.	
22960	– CHANNEL LIGHT 17		Fl G 2.5^{s}	15	3	SG on dolphin.	
22965	– CHANNEL LIGHT 18		Fl R 2.5^{s}	19	3	TR on white truncated concrete structure.	
22970	– CHANNEL LIGHT 19		Fl G 2.5^{s}	20	3	SG on single steel pile.	
22975	– CHANNEL LIGHT 21		Q G	15	3	SG on dolphin.	
22980	BLIND POINT RANGE FRONT LIGHT 24	56 38.6 132 55.3	Q W	17		KRW on dolphin, TR oriented up channel.	Visible all around; constant intensity all around.
22985	BLIND POINT RANGE REAR LIGHT 268 yards, 050.3° from front light.		F W	31		KRW on steel pile structure.	
22990	– CHANNEL LIGHT 25		Fl G 2.5^{s}	15	3	SG on steel pile structure.	
22995	– *Channel Lighted Buoy 26*		Fl R 4^{s}		3	Red.	

ALASKA - SEVENTEENTH DISTRICT

N/W

ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)

Wrangell Narrows

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
23000	- CHANNEL LIGHT 27		Fl G 2.5^s	15	3	SG on dolphin.	
23005	- *Channel Lighted Buoy 28*		Fl R 4^s		3	Red.	
23010	- *Channel Lighted Buoy 29*		Fl G 2.5^s		3	Black.	
23015	- Tow Channel Buoy 5TC					Green can.	Used by tows with a draft of 9 feet or less.
23020	- Tow Channel Buoy 7TC					Black can.	Used by tows with a draft of 9 feet or less.
23025	- CHANNEL LIGHT 31		Q G	13	3	SG on pile on concrete pier.	
23030	- CHANNEL LIGHT 32		Q R	15	3	TR on steel pile structure.	
23035	- CHANNEL LIGHT 32A		Fl R 4^s	15	3	TR on steel pile structure.	
23040	- *Channel Lighted Buoy 33*		Fl G 4^s		3	Black.	
23045	- CHANNEL LIGHT 34		Fl R 4^s	15	3	TR on dolphin.	
23050	- *Channel Lighted Buoy 36*		Fl R 4^s		3	Red.	
23055	- CHANNEL LIGHT 37		Q G	21	3	SG on skeleton tower on concrete pier.	
23060	- CHANNEL LIGHT 38		Fl R 2.5^s	15	3	TR on dolphin.	
23065	- Channel Daybeacon 39					SG on spindle on pyramid.	
23070	- CHANNEL LIGHT 40		Fl R 2.5^s	21	3	TR on skeleton tower on concrete pier.	
23075	- *Channel Lighted Buoy 42*		Fl R 4^s		3	Red.	
23080	- CHANNEL LIGHT 43		Q G	13	3	SG on dolphin.	
23085	- CHANNEL LIGHT 44		Fl R 2.5^s	15	3	TR on pile structure.	
23090	- *Channel Lighted Buoy 46*		Fl R 2.5^s		3	Red.	
23095	- CHANNEL LIGHT 47		Fl G 2.5^s	15	3	SG on pile structure.	
23100	- CHANNEL LIGHT 48		Fl R 2.5^s	15	3	TR on dolphin.	
23105	- CHANNEL LIGHT 49		Q W	12	5	SG on dolphin.	
23110	- CHANNEL LIGHT 50		Fl R 2.5^s	15	3	TR on dolphin.	
23115	TONKA TIMBER LOG BOOM LIGHTS (2)	56 42.7 132 57	Fl G 4^s	5		Post.	Private aids.
23120	MOUNTAIN POINT LIGHT	56 44.3 132 57.3	Fl W 6^s	43	6	NR on skeleton tower.	Obscured from 349° to 148°.
23125	- CHANNEL LIGHT 52	56 46.9 132 58.8	Fl W 4^s	13	6	TR on dolphin.	Higher intensity beam down channel.
23130	Reid Landing Dock Light	56 47 132 58.7	F R	14		Post.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Wrangell Narrows						
23135	– *Channel Lighted Buoy 53*		Fl G 4^{s}		4	Black.	
23140	PETERSBURG CREEK RANGE FRONT LIGHT	56 48.5 132 59.2	F W	10		KRW on dolphin.	Visible 4° each side of rangeline.
23145	PETERSBURG CREEK RANGE REAR LIGHT 341 yards, 353°10′ from front light.		F W	24		KRW on dolphin.	Visible 4° each side of rangeline.
23150	– CHANNEL LIGHT 54		Fl R 2.5^{s}	15	3	TR on dolphin.	
23155	– CHANNEL LIGHT 56		Q R	15	3	TR on dolphin.	
23160	– CHANNEL LIGHT 58		Fl R 2.5^{s}	15	3	TR on dolphin.	
23165	PETERSBURG BAR RANGE FRONT LIGHT	56 48.4 132 59.3	F W	13		KRW on dolphin.	Visible 4° each side of rangeline.
23170	PETERSBURG BAR RANGE REAR LIGHT 519 yards, 234°25′ from front light.		F W	30		KRW on slatted structure.	Visible 4° each side of rangeline.
23175	STANDARD OIL COMPANY PIER LIGHTS (2)	56 48.6 132 58.2	F R	13			Private aids.
23180	CHATHAM STRAIT SEAFOOD PIER LIGHTS (2)	56 48.8 132 57.7	F R	18			Private aids.
23185	– *Channel Lighted Buoy 59*		Fl G 2.5^{s}		3	Black.	
23190	PETERSBURG FISHERIES INCORPORATED (PFI) DOCK LIGHTS (2)	56 48.9 132 57.5	F R	14			Private aids.
23195	– *Channel Lighted Buoy 60*		Fl R 2.5^{s}		4	Red.	
23200	– Channel Daybeacon 61					SG on concrete pier.	
23205	– *Channel Lighted Buoy 62*		Fl R 4^{s}		4	Red.	
23210	– *North Entrance Lighted Bell Buoy 63*		Fl W 4^{s}		4	Black.	
	Frederick Sound						
23215	SUKOI ISLETS LIGHT	56 53.8 132 56.5	Fl W 4^{s}	18	6	NR on skeleton tower on concrete pier.	Obscured from 177° to 329°.
23220	Beacon Point Daybeacon BP	56 56.4 132 59.6				SG on skeleton tower.	
23225	*Thomas Bay Entrance Lighted Bell Buoy 2*	56 59.1 132 57.8	Fl R 6^{s}		5	Red.	
23230	Thomas Bay Entrance Buoy 1	56 59.3 132 58.2				Green can.	
23235	*Thomas Bay Lighted Buoy 4*	56 59.9 132 57.6	Fl R 4^{s}		3	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Frederick Sound						
23240	CAPE STRAIT LIGHT	56 59.9 133 05.5	**Fl W** 6^s	30	6	NR on skeleton tower.	Obscured from 314.5° to 120°.
23245	GRAND POINT LIGHT	57 05.5 133 11.1	**Fl W** 4^s	16	5	NR on pile.	Obscured from 189° to 305°.
23250	PORTAGE BAY LIGHT 3	57 00.3 133 19.3	**Fl G** 4^s	16	5	SG on skeleton tower.	Obscured from 201° to 329°.
23255	Portage Bay Daybeacon 2					TR on tripod.	
23260	CAPE FANSHAW LIGHT	57 11.1 133 34.3	**Fl W** 4^s	33	7	NR on skeleton tower.	Obscured from 210° to 299°.
	Stephens Passage						
23265	BIRD ROCK LIGHT 2	57 12.5 133 35.3	**Fl R** 2.5^s	30	3	TR on skeleton tower.	
23270	DUCK POINT LIGHT	57 12.7 133 30.9	**Fl W** 6^s	17	6	NR on pipe cylindrical base.	Obscured from 140° to 257°.
23275	BILL POINT LIGHT	57 15.1 133 32.5	**Fl W** 4^s	12	6	NR on pile.	Obscured from 264° to 338°.
23280	**Five Finger Light**	57 16.3 133 37.8	**Fl W** 10^s	81	24	White concrete tower rising from center of building. 68	Higher intensity beam out of Frederick Sound and up Stephens Passage. RBN: 295 kHz D (–••). Antenna at light tower. Emergency light Fl (2) W 10^s of lower intensity when main light is extinguished.
	Sumner Strait						
23285	Five Fathom Shoal Buoy	56 21.7 133 13.9				Red and green bands; nun.	
23290	THE EYE OPENER LIGHT	56 23.1 133 16.4	**Fl W** 2.5^s	25	6	NR on skeleton tower.	
23295	POINT BAKER LIGHT	56 21.6 133 37	**Fl W** 6^s	20	6	NR on skeleton tower.	
23300	Point Baker Anchorage Daybeacon	56 21.6 133 37				NR on small house.	
23305	*Helm Rock Lighted Bell Buoy 8*	56 22.2 133 38.4	**Fl R** 4^s		4	Red.	
	Keku Strait						
23310	SALT POINT LIGHT 56	56 50.7 133 52.1	**Fl R** 6^s	17	4	TR on pile.	Obscured from 168° to 259°.
23315	KAKE ENTRANCE LIGHT 2	56 59.1 134 01.3	**Fl R** 2.5^s	27	4	TR.	
23320	Kake Flats Buoy 3					Green can.	
23325	KAKE HARBOR LIGHT 5	56 58.3 133 56.9	**Fl G** 2.5^s	25	4	SG.	
23330	Kake Harbor Daybeacon 9	56 58.4 133 56.7				SG on pile.	
23335	Kake Cannery Flats Buoy 7					Green can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	Sumner Strait						
	Keku Strait						
23340	KAKE HARBOR LIGHT 6	56 57.6 133 57	**Fl W 4^{s}**	16	5	NR on square frame.	Obscured from 285° to 097°.
23345	Sealaska Timber Company Mooring Buoys (3)					White cans.	Private aids.
	Portage Pass						
23350	– LIGHT 2	56 57.4 133 55.3	**Fl R 4^{s}**	15	4	TR on pile.	
23355	– Daybeacon 3	56 57.1 133 54.3				SG on pile.	
23360	– LIGHT 5	56 56.8 133 53.9	**Fl W 2.5^{s}**	15	5	SG on pile.	
	Sumner Strait						
23365	*Strait Island Lighted Bell Buoy 7*	56 22.4 133 41.9	**Fl G 6^{s}**		4	Black.	
23370	WEST ROCK LIGHT	56 21.2 133 38.1	**Fl W 2.5^{s}**	20	6	NR on skeleton tower.	
23375	Port Protection Daybeacon	56 20.3 133 38				NR on single steel pile.	
23380	PORT PROTECTION LIGHT	56 19.6 133 36.7	**Fl W 6^{s}**	19	6	NR on pile.	Obscured from 290° to 095°.
23385	BEAUCLERC ISLAND LIGHT	56 15.4 133 51	**Fl W 2.5^{s}**	30	6	NR on skeleton tower.	Obscured from 049° to 186°.
23390	*Calder Rocks Lighted Whistle Buoy 6*	56 15.5 133 43.3	**Fl R 4^{s}**		4	Red.	
23395	*Barrier Island Lighted Bell Buoy 4*	56 12.6 133 42	**Fl R 6^{s}**		4	Red.	
23400	*Amelius Island Shoal Lighted Buoy A*	56 10.2 133 49.6	**Fl (2+1) G 6^{s}**		4	Green and red bands.	
	Shakan Bay						
23405	– LIGHT	56 09 133 37.5	**Fl W 4^{s}**	25	6	NR on skeleton tower on small house.	Obscured from 314° to 048°.
23410	Hamilton Island Daybeacon					NR on square frame.	
23415	Shakan Strait Daybeacon					NR on square frame.	
	Sumner Strait						
23420	*Point St. Albans Lighted Bell Buoy 3*	56 05.2 133 54.5	**Fl G 4^{s}**		4	Black.	
23425	FISHERMANS HARBOR LIGHT	55 58.1 133 47.6	**Fl W 4^{s} (R sector)**	17	4	NR on skeleton tower.	Red sector from 153° to 200°.
23430	– Daybeacon 1	55 58.5 133 47.8				SG on pile.	
23435	LEMON POINT ROCK LIGHT	56 04.4 134 06.6	**Fl W 6^{s}**	26	5	NR on small house on skeleton tower on pier.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	Sumner Strait						
	Sumner Strait						
23440	**Cape Decision Light**	56 00.1 134 08.1	Fl W 5^{s}	96	23	White square concrete building with square tower rising from center. 75	Obscured from 134° to 245°. Emergency light Fl W 2.5^{s} of lower intensity if main light is extinguished. RBN: 318 kHz UT (••– –). Antenna at light tower. HORN: 1 blast ev 30^{s} (3^{s} bl).
23445	SPANISH ISLANDS LIGHT	55 59.2 134 06.2	Fl W 6^{s}	38	7	NR on skeleton tower.	Obscured from 263° to 061°.
23450	HELM POINT LIGHT	55 49.6 134 16.1	Fl W 6^{s}	140	6	NR on skeleton tower.	Obscured from 067° to 188°.
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23455	POINT CROWLEY LIGHT	56 07.2 134 15.4	Fl W 4^{s}	45	7	NR on skeleton tower.	Obscured from 174° to 330°.
23460	CAPE OMMANEY LIGHT	56 09.6 134 39.6	Fl W 6^{s}	160	8	Square frame structure.	Obscured from 117° to 251°.
23465	PORT ALEXANDER LIGHT	56 14.4 134 38.9	Fl W 4^{s} (R sector)	68	5	NR on small house on skeleton tower.	Red sectors from 225° to 252° and 330° to 347°. Obscured from 347° to 061°.
23470	Port Alexander Entrance Buoy 2					Red nun.	
23475	PORT ALEXANDER RANGE FRONT LIGHT	56 14.7 134 39	Q G	14		KRG on skeleton tower on concrete pier.	Visible all around.
23480	PORT ALEXANDER RANGE REAR LIGHT 65 yards, 334° from front light.		Iso G 6^{s}	29		KRG on skeleton tower on concrete pier.	Visible all around.
23485	POINT HARRIS LIGHT	56 17.4 134 17.9	Fl W 6^{s}	32	8	NR on skeleton tower.	Obscured from 180° to 313°.
23490	PORT WALTER LIGHT 5	56 23.3 134 38.1	Fl W 4^{s}	20	8	SG on skeleton tower.	Obscured from 308° to 037°.
23495	TEBENKOF BAY LIGHT 1	56 27 134 08.2	Fl G 4^{s}	14	5	SG on small house.	Obscured from 142° to 339.5°.
23500	Tebenkof Bay Daybeacon 3					SG on pole on pyramidal concrete pier.	
23505	PATTERSON POINT LIGHT	56 32.4 134 38.2	Fl G 2.5^{s}	50	7	NR on skeleton tower.	
23510	POINT ELLIS LIGHT 8	56 34 134 19.9	Fl W 4^{s}		7	TR on skeleton tower.	
23515	WASHINGTON BAY LIGHT 10	56 43 134 23.2	Fl R 6^{s}	33	5	TR on square frame.	Obscured from 224° to 021°.
23520	HOGGATT BAY LIGHT 11	56 45.9 134 39.2	Fl G 6^{s}	40	6	SG on skeleton tower.	Obscured from 134° to 307°.
23525	KINGSMILL POINT LIGHT 12	56 50.6 134 25.1	Fl W 6^{s}	25	6	TR on small house.	Obscured from 207° to 005°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23530	POINT GARDNER LIGHT 14	57 00.6 134 36.8	Fl W 4s	65	7	TR on skeleton tower.	
23535	*Yasha Island Shoal Lighted Buoy 2*	56 58.9 134 34.5	Fl R 6s		4	Red.	
	Frederick Sound						
23540	SECURITY BAY LIGHT 1	56 52.4 134 22.3	Fl G 4s	32	3	SG on skeleton tower.	Obscured from 235° to 323°.
23545	CORNWALLIS POINT LIGHT	56 55.9 134 16.3	Fl W 4s	34	6	NR on small house.	Obscured from 140° to 315°.
23550	POINT MACARTNEY LIGHT	57 01.5 134 03.4	Fl W 6s	20	6	NR on pile.	Obscured from 200° to 329°.
23555	WEST PINTA ROCKS LIGHT	57 05.2 134 00.9	Fl W 2.5s	30	6	NR on small house on tower.	
23560	East Pinta Rocks Buoy 1					Black can.	
23565	DEEPWATER POINT LIGHT	57 10.3 134 14.1	Fl W 4s	17	5	NR on skeleton tower.	Obscured from 180° to 288°.
23570	TURNABOUT ISLAND LIGHT	57 07.9 133 59	Fl W 4s	23	5	NR on small house.	Obscured from 270° to 048°.
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)						
	Chatham Strait						
	Pybus Bay						
23575	GRAVE ISLAND LIGHT	57 16 134 04.9	Fl W 4s	16	5	NR on small house.	Obscured from 031° to 167°.
23580	ROUND ROCK LIGHT	57 15.6 133 56.1	Fl W 6s	49	6	NR on skeleton tower.	
	Stephens Passage						
23585	False Point Pybus Daybeacon					NR on skeleton tower.	
23590	*McDonald Rock Lighted Buoy*	57 25.1 133 37.7	IQ W		5	Red and black bands.	
23595	HOBART BAY LIGHT 2	57 23.9 133 27.9	Fl R 4s	30	5	TR on skeleton tower.	
23600	POINT GAMBIER LIGHT	57 26.1 133 50.3	Fl W 4s	38	6	NR on skeleton tower.	Obscured from 083° to 217°.
23605	GAMBIER BAY ENTRANCE LIGHT 2	57 27.9 133 55.2	Fl R 6s	22	4	TR on skeleton tower.	
23610	WINDHAM BAY ENTRANCE LIGHT	57 33.7 133 32.5	Fl W 6s	35	6	NR on small house.	
23615	POINT HUGH LIGHT	57 37.2 133 48.4	Fl W 6s	34	6	NR on skeleton tower.	Obscured from 351°30′ to 173°.
23620	WOOD SPIT LIGHT	57 44.3 133 34.4	Fl W 2.5s	27	5	TR on tower on concrete base.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ETOLIN ISLAND TO MIDWAY ISLAND (Chart 17360)	N/W					
	Stephens Passage						
	Pybus Bay						
23625	Holkham Bay Range Front Daybeacon	57 46.1 133 38.5				KRW on wood frame.	
23630	Holkham Bay Range Rear Daybeacon 48 yards, 215° from front daybeacon.					KRW on wood frame.	
23635	Tracy Arm Daybeacon	57 49.3 133 34.5				NR on cliff face.	
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Stephens Passage						
23640	MIDWAY ISLANDS LIGHT	57 50.2 133 48.7	**Fl W** 4^{s}	83	6	NR on skeleton tower.	Obscured from 162° to 210°.
23645	GRAVE POINT LIGHT	58 03.7 134 03	**Fl W** 2.5^{s}	45	5	NR on skeleton tower.	Obscured from 156° to 280°.
23650	GRAND ISLAND LIGHT	58 06 134 06.3	**Fl W** 6^{s}	47	6	NR on skeleton tower.	Obscured from 335° to 116°.
23655	POINT ARDEN LIGHT	58 09.6 134 10.6	**Fl W** 4^{s}	50	5	NR on skeleton tower.	Obscured from 332° to 118°.
	Gastineau Channel						
23660	MARMION ISLAND LIGHT	58 11.9 134 15.3	**Fl W** 6^{s}	50	6	NR on skeleton tower.	Obscured from 022° to 147°.
23665	SHEEP CREEK LIGHT 2	58 15.5 134 19.7	**Fl R** 4^{s}	12	5	TR on small house on square pile structure.	Higher intensity beam down channel.
23670	Sheep Creek Salmon Pen Lights (2)	58 15.8 134 20.2	**Fl R** 2.5^{s}	5	3	Battery boxes.	Private aids.
23675	JUNEAU ISLE LIGHT	58 16.6 134 23	**Fl W** 2.5^{s}	15	6	NR on skeleton tower.	
23680	DOUGLAS BOAT HARBOR LIGHT 1D	58 16.6 134 23.1	**Fl G** 4^{s}	17	4	SG on skeleton tower.	
23685	*Rock Dump Lighted Buoy 2A*		**Q R**		3	Red.	
23690	LAWSON CREEK BAR LIGHT 3	58 17.3 134 25.3	**Fl G** 2.5^{s}	22	4	SG on dolphin.	Higher intensity beam down channel.
23695	– LIGHT 4	58 17.8 134 25.3	**Fl R** 2.5^{s}	15	3	TR on dolphin.	
23700	STANDARD OIL COMPANY PIER LIGHTS (2)	58 17.9 134 24.8	**F R**	25			Private aids.
23705	HARRIS HARBOR LIGHT 1H		**Fl G** 4^{s}	15	3	SG on dolphin.	
23710	AURORA BASIN LIGHT 1A	58 18.3 134 25.9	**Fl G** 2.5^{s}	25	2	SG on breakwater.	
23715	Aurora Basin Wreck Buoy WR4A	58 18.3 134 26				Red nun.	
23720	AURORA BASIN LIGHT A	58 18.5 134 26.3	**Fl W** 4^{s}	31	5	NR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Mendenhall Bar Channel						
	Pybus Bay						
23725	– LIGHT 5	58 19.1 134 27.3	**Fl G** 6^{s}	15	4	SG on dolphin.	Tide gauge shows depth over bar.
23730	– Buoy 7	58 19.5 134 27.9				Green can.	Seasonally maintained from Mar. 1 to Dec. 1.
23735	– Buoys (about 14)					Red nuns and green cans.	Maintained from Mar. 1 to Dec. 1.
23740	– LIGHT 14		**Fl R** 4^{s}		3	TR on dolphin.	
23745	– Daybeacon 15					SG on dolphin.	
23750	– Daybeacon 17					SG on dolphin.	
23755	– Daybeacon 18					TR on dolphin.	
23760	– Daybeacon 19					SG on dolphin.	
23765	– Daybeacon 19A					SG on dolphin.	
23770	– LIGHT 21		**Fl G** 4^{s}	15	4	SG on dolphin.	Tide gauge shows depth over water.
	Stephens Passage						
23775	POINT HILDA LIGHT	58 13.1 134 30.3	**Fl W** 6^{s}	20	6	NR on square frame structure.	Obscured from 097° to 268°.
23780	Inner Point Daybeacon.					NR on skeleton tower.	
23785	MIDDLE POINT LIGHT	58 14.9 134 37.6	**Fl W** 4^{s}	20	5	NR on skeleton tower on rock.	
23790	HORSE SHOAL LIGHT 1	58 15.3 134 42.1	**Fl G** 6^{s}	15	4	SG on pile.	
23795	GEORGE ROCK LIGHT	58 18.9 134 41.9	**Fl W** 6^{s}	17	6	NR on skeleton tower.	
23800	GIBBY ROCK LIGHT 2	58 19.6 134 41.2	**Fl R** 6^{s}	30	4	TR on pile.	
23805	PORTLAND ISLAND LIGHT	58 21.2 134 45.4	**Fl W** 2.5^{s}	20	6	NR on pile.	Obscured from 328° to 338°.
23810	Strauss Rock Buoy					Black and red; can.	
	Lynn Canal						
	Favorite Channel						
23815	SHELTER ISLAND LIGHT	58 22.6 134 48.4	**Fl W** 4^{s}	19	6	NR on square frame.	Obscured from 020° to 158°.
23820	Point Stephens Rock Buoy 2	58 25.3 134 46.1				Red nun.	
23825	TEE HARBOR LIGHT	58 25.7 134 45.9	**Fl W** 6^{s}	33	6	NR on skeleton tower.	Obscured from 161° to 325°.
23830	Tee Harbor Control Buoy	58 24.8 134 45.5				White nun with two orange bands and orange circle; worded SLOW NO WAKE.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Lynn Canal						
	Favorite Channel						
23835	Cohen Reef Daybeacon CR	58 25.9 134 48.1				JG on pole.	
23840	AARON ISLAND LIGHT 2	58 26.3 134 49.5	**Fl R** 2.5^{s}	20	5	TR on skeleton tower.	
23845	*Poundstone Rock Lighted Bell Buoy PR*	58 31.7 134 55.9	**IQ R**		4	Red and black.	
23850	SENTINEL ISLAND LIGHT	58 32.8 134 55.3	**Fl W** 10^{s}	86	17	White square tower on fog signal building. 51	HORN: 1 blast ev 30^{s} (3^{s} bl).
23855	LITTLE ISLAND LIGHT	58 32.4 135 02.7	**Fl W** 4^{s}	50	7	NR on skeleton tower.	
23860	VANDERBILT REEF LIGHT	58 35.5 135 01	**Fl W** 2.5^{s}	36	6	NR on skeleton tower on concrete pier.	Higher intensity beam up channel.
23865	POINT SHERMAN LIGHT	58 51.3 135 09	**Fl W** 4^{s}	47	6	NR on skeleton tower.	
23870	SULLIVAN ISLAND LIGHT	58 53.9 135 18.1	**Fl W** 4^{s}	24	6	NR on skeleton tower on rock.	Higher intensity beam down channel. Obscured from 105° to 173°.
23875	Sullivan Island Daybeacon 2	58 58 135 21.2		30		TR on pole.	Marks rock.
23880	ELDRED ROCK LIGHT	58 58.3 135 13.2	**Fl W** 6^{s}	91	8	White octagonal tower on building. 56	Higher intensity beam up Chilkoot Inlet. Higher intensity beam down Lynn Canal.
23885	CHILKOOT INLET EAST LIGHT	59 01 135 11.7	**Fl W** 2.5^{s}	25	5	NR on skeleton tower.	Obscured from 166° to 337°.
23890	TALSANI ISLAND LIGHT	59 04.7 135 16.3	**Fl W** 6^{s}	16	6	NR on square frame.	Obscured from 347° to 133°.
23895	LETNIKOF COVE LIGHT	59 10.4 135 23.9	**Fl R** 4^{s}	25	4	NR on small house.	Obscured from 256° to 358°.
	Chilkoot Inlet						
23900	*Katzebin River Flat Lighted Bell Buoy 4*		**Fl R** 6^{s}		3	Red.	
23905	BATTERY POINT LIGHT	59 12.6 135 21.8	**Fl W** 4^{s}	60	5	NR on square frame	Obscured from 343° to 157°.
23910	HAINES SMALL BOAT HARBOR LIGHT 2	59 14 135 26.2	**Fl R** 2.5^{s}	26	3	TR on skeleton tower.	
23915	Nukdik Point Buoy 1	59 14.7 135 25.1				Black can.	
	Taiya Inlet						
23920	INDIAN ROCK LIGHT	59 16.4 135 23.9	**Fl W** 6^{s}	26	7	NR on pile structure.	Higher intensity beam down Chilkoot Inlet.
	Lutak Inlet						
23925	U.S. ARMY DOCK LIGHTS (2)	59 16.8 135 27	**F G**	8		Dock.	Maintained by U.S. Army.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Lutak Inlet						
	Favorite Channel						
23930	U.S. ARMY DOCK WEST LIGHT		**F G**	8		Dock.	Maintained by U.S. Army.
	Taiya Inlet						
23935	SKAGWAY BREAKWATER LIGHT	59 26.9 135 19.2	**Fl W** 4^{s}	19	5	TR on skeleton tower.	
23940	TAIYA INLET LIGHT	59 26.8 135 21.6	**Fl W** 2.5^{s}	20	5	NR on tower.	
	Saginaw Channel						
23945	FAVORITE REEF LIGHT	58 22.8 134 51.6	**Fl R** 4^{s}	33	5	TR on pile.	
23950	*Faust Rock Lighted Bell Buoy*	58 25.1 134 55.6	**Fl** (2+1) **R** 6^{s}		4	Red and green bands.	
23955	Point Retreat Light	58 24.7 134 57.2	**Fl W** 6^{s}	63	9	White square concrete tower on building. 25	
23960	FALSE POINT RETREAT LIGHT 4	58 22.2 134 58.1	**Fl R** 6^{s}		3	TR on skeleton tower.	
23965	LYNN CANAL SOUTHWEST LIGHT	58 20.1 135 02.8	**Fl W** 4^{s}	33	5	NR on skeleton tower.	Obscured from 358° to 168°.
23970	NAKED ISLAND LIGHT	58 15.4 134 56.7	**Fl W** 6^{s}	40	7	NR on square tower.	
23975	FUNTER BAY ENTRANCE LIGHT 1	58 14.6 134 54.9	**Fl G** 2.5^{s}	16	4	SG on pedestal on house.	Obscured from 114° to 248°.
23980	Funter Bay Buoy 3					Green can.	
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Chatham Strait						
23985	WARM SPRING BAY LIGHT 15	57 04.8 134 46.5	**Fl G** 4^{s}	27	5	SG on small house.	Obscured from 306° to 101°.
23990	POINT LULL LIGHT 17	57 18.6 134 48.3	**Fl W** 4^{s}	50	6	SG on skeleton tower.	
	Hood Bay						
23995	– *Entrance Lighted Buoy 2*		**Fl R** 6^{s}		4	Red.	
24000	– Buoy 1					Green can.	
	Killisnoo Harbor						
24005	*Killisnoo Harbor Entrance Lighted Buoy 2*	57 27.7 134 34.5	**Fl R** 2.5^{s}		4	Red.	
24010	KILLISNOO HARBOR LIGHT 3	57 27.9 134 33.8	**Fl G** 6^{s}	26	4	SG on pile.	
24015	Lone Rock Duybeacon 4	57 27.9 134 33.4				TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)	N/W					
	Killisnoo Harbor						
	Favorite Channel						
24020	*Killisnoo Harbor Lighted Buoy 6*	57 28.3 134 33.6	Fl R 4s		3	Red.	
24025	– LIGHT 7	57 28.3 134 34	Fl G 4s	16	4	SG on small house on skeleton structure on concrete pier.	
24030	Killisnoo Island Reef Buoy 2					Red nun.	
	Chatham Strait						
24035	*Morris Reef Lighted Bell Buoy 35*		Fl G 4s		5	Black.	
24040	*Kenasnow Rock Lighted Buoy 2*	57 30 134 36.2	Fl W 2.5s		5	Red.	
24045	DANGER POINT LIGHT	57 30.9 134 36.3	Fl W 6s	30	5	NR on skeleton tower on concrete pier.	
	Kootznahoo Inlet						
24050	– LIGHT 2	57 30.3 134 34.8	Fl R 4s	14	5	TR on pile structure.	
24055	– Daybeacon 4	57 30.1 134 34.6				TR on pole.	
24060	– Buoy 6	57 29.9 134 34				Red nun.	
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Tenakee Inlet						
24065	– ENTRANCE LIGHT 1	57 46.4 134 56	Fl G 4s	33	5	SG on pole.	
24070	– Daybeacon 2					TR on pole.	
24075	Tenakee Inlet Daybeacon T	57 50.1 135 24.8				JR on pole.	
24080	– LIGHT 4	57 46.5 135 11.8	Fl R 6s	30	4	TR on small house.	
24085	TENAKEE REEF LIGHT	57 46.2 135 13.5	Fl W 4s	23	5	NR on small house on skeleton tower.	
24090	Tenakee Reef Daybeacon					NR on pile.	
	Chatham Strait						
24095	Freshwater Bay Daybeacon 5	57 54.3 135 07.9				SG on pole.	
24100	CHATHAM STRAIT LIGHT 20	58 02.8 134 48.5	Fl R 4s	35	4	TR on skeleton tower.	Obscured from 175° to 353°.
24105	POINT AUGUSTA LIGHT	58 02.3 134 56.8	Fl W 4s	45	6	NR on square frame.	Obscured from 328° to 135°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Hawk Inlet						
	Favorite Channel						
24110	*– Entrance Lighted Buoy 1*	58 06.5 134 46.7	Fl G 4s		3	Black.	
24115	– EAST SHOAL LIGHT 2	58 06.2 134 46.3	Fl R 4s	20	3	TR on dolphin.	
	Icy Strait						
24120	HANUS REEF LIGHT	58 07.9 134 59.8	Fl W 2.5s	25	6	NR on skeleton tower on concrete pier.	
24125	ROCKY ISLAND LIGHT 11	58 10.7 135 03	Fl W 4s	43	6	SG on square frame.	
24130	SWANSON HARBOR ENTRANCE LIGHT 2	58 11.6 135 04.6	Fl R 6s	21	4	TR on skeleton tower.	Obscured from 144° to 299°.
24135	**The Sisters Light**	58 10.3 135 15.4	Fl W 5s	60	22	On FAA building.	
24140	SPASSKI ISLAND LIGHT 12	58 07.9 135 16.1	Fl W 6s	30	6	TR on small house.	Obscured from 315° to 088°.
24145	*Huna-Pacific Lighted Mooring Buoys (2)*	58 06.2 135 28	Fl Y 4s		3	White with red-orange stripe.	Private aids.
24150	HOONAH BREAKWATER LIGHT 2	58 06.5 135 26.9	Fl W 4s	38	5	TR on pole.	
24155	HOONAH BREAKWATER LIGHT 3	58 06.4 135 26.8	Fl G 2.5s	38	3	SG on pole.	
24160	PORT FREDERICK LIGHT 3	58 07.9 135 27.8	Fl G 6s	26	4	SG on skeleton tower.	Obscured from 245° to 357°. Higher intensity beam toward 042°.
24165	*Pinta Rock Lighted Bell Buoy 2*	58 10 135 27.1	Fl W 4s		6	Red.	
24170	PLEASANT ISLAND REEF LIGHT 11	58 18.7 135 38.8	Fl W 2.5s	29	5	SG on pile.	
24175	POINT ADOLPHUS LIGHT 10	58 17.2 135 46.9	Fl W 4s	20	6	TR on small house.	Obscured from 322° to 102°.
24180	ICY PASSAGE LIGHT 2	58 23.3 135 37.5	Fl R 6s	22	4	TR on skeleton tower.	
24185	*Gustavus Lighted Buoy 1*	58 23.3 135 44.6	Fl G 4s		3	Green.	
24190	Ancon Rock Buoy 2	58 22.4 135 55.8				Red nun.	
24195	LEMESURIER ISLAND LIGHT 4	58 19.2 136 02.3	Fl W 6s	42	6	TR on small house.	Obscured from 280° to 086°.
24200	SOUTH PASSAGE LIGHT 7	58 15.6 136 06.8	Fl W 2.5s		4	SG on skeleton tower.	Obscured from 121° to 280°.
24205	SOUTH PASSAGE LIGHT 8	58 14.9 135 54.3	Fl R 4s		5	TR on skeleton tower.	Obscured from 230° to 049°.
24210	*South Inian Pass Lighted Bell Buoy 6*	58 13.9 136 15.3	Fl W 4s		6	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Glacier Bay						
	Favorite Channel						
24215	- National Park Aircraft Safety Zone Marker Buoys (6)					White, NO BOAT ANCHORING-AIRCRAFT ZONE.	Maintained from May 15 to Oct. 1. Private aids.
24220	Rush Point Shoal Buoy 1	58 28.1 136 03.2				Green can.	
	Cross Sound						
24225	POINT LAVINIA LIGHT 4	58 13.4 136 21.2	Fl W 6^s	60	6	TR on skeleton tower.	Obscured from 278° to 073°.
24230	GEORGE ISLAND LIGHT 2	58 12.7 136 22.8	Fl R 6^s	48	4	TR on skeleton tower.	Obscured from 019° to 048°.
24235	NORTH INIAN PASS LIGHT 2	58 16.3 136 24	Fl W 4^s	64	5	TR on skeleton tower.	Obscured from 260° to 051°.
24240	**Cape Spencer Light**	58 11.9 136 38.3	Fl W 10^s	105	24	White square concrete tower on rectangular concrete building. 25	RBN: 286 kHz T (−). Antenna at light tower. Emergency light Fl W 2.5^s of lower intensity, if main light is extinguished. HORN: 1 blast ev 30^s (3^s bl).
	Port Althorp						
24245	ELFIN COVE ENTRANCE LIGHT 2	58 11.7 136 21	Fl R 4^s	48	3	TR on small house.	Obscured from 292° to 096°.
24250	ELFIN COVE OUTER LIGHT	58 11.8 136 20.9	Fl W 4^s	20	4	NR on square frame.	
24255	Elfin Cove Daybeacon 3					SG on pile.	
24260	Elfin Cove Daybeacon 5					SG on pile.	
24265	Elfin Cove Daybeacon 6					TR on pile.	
24270	Elfin Cove Daybeacon 7					SG on pile.	
24275	ALTHORP ROCK LIGHT 3	58 10 136 21.4	Fl G 2.5^s	18	3	SG on square frame.	
24280	THREE HILL ISLAND LIGHT	58 09.2 136 22.9	Fl W 4^s	80	6	NR on skeleton tower.	Obscured from 115°30′ to 261°30′.
	Lisianski Inlet						
24285	LISIANSKI INLET LIGHT	58 05.9 136 27.9	Fl W 6^s	65	5	NR on small house.	Obscured from 333° to 133°.
24290	Column Point Buoy 1	58 06.9 136 27.6				Black can.	Maintained from May 15 to Sept. 30.
24295	- LIGHT 2	58 04.2 136 25.6	Fl R 4^s	55	3	TR on small house.	Obscured from 316° to 147°.
24300	- Daybeacon 4	58 02.1 136 21.8				TR on pole.	
24305	- LIGHT 5	58 01.7 136 19.9	Fl G 6^s	50	4	SG on small house.	Obscured from 136° to 324°.
24310	JUNCTION ISLAND LIGHT J	57 59.9 136 18.9	Q W	20	4	NR on steel skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)	N/W					
	Lisianski Inlet						
	Port Althorp						
24315	PELICAN ENTRANCE LIGHT 2	57 57.3 136 13.6	Fl W 4^s	20	5	TR on skeleton tower.	
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	Nichols Bay						
24320	- Entrance Daybeacon	54 42.1 132 05.3				NR on pole.	
	Cordova Bay						
24325	POINT MARSH LIGHT	54 42.7 132 17.6	Fl W 4^s	74	6	NR on skeleton tower.	Obscured from 127° to 265°.
24330	CAPE MUZON LIGHT	54 39.9 132 41.4	Fl W 6^s	75	7	NR on small house.	Obscured from 088° to 285°30′.
24335	Eureka Channel Daybeacon 1	54 46.9 132 23.2				SG on pile.	
24340	Center Island Reef Daybeacon 3					SG on pile.	
24345	Guide Rocks Daybeacon 4					TR on pile.	
24350	ROUND ISLANDS LIGHT	54 46.7 132 30.4	Fl W 2.5^s (R sector)	56	6	NR on skeleton tower.	Red from 327° to 346°. **Obscured from 149°30′ to 327°.**
24355	Wallace Rock Buoy 2	54 51.1 132 26.9				Red nun.	
24360	MELLEN ROCK LIGHT	55 01.6 132 39.9	Fl W 4^s	32	6	NR on skeleton structure.	
	Hetta Inlet						
24365	EEK POINT LIGHT	55 08.3 132 39.9	Fl W 2.5^s	19	6	NR on square frame.	Obscured from 103° to 237°.
	Sukkwan Strait						
24370	Hydaburg Buoy 2	55 11.7 132 49				Red nun.	
24375	- Obstruction Buoy					Black and red bands; can.	
24380	Hydaburg Daybeacon					NR on dolphin.	
24385	Sukkwan Narrows Buoy 1					Black can.	
24390	Sukkwan Narrows Buoy 4					Red nun.	
24395	SUKKWAN NARROWS LIGHT	55 12.1 132 50.4	Fl W 4^s	16	5	SG on skeleton tower.	Obscured from 252° to 019°.
24400	South Passage Buoy 3					Black can.	
24405	Scrag Island Ledge Buoy 5					Black can.	
24410	GOAT ISLAND LIGHT	55 10.1 132 53.5	Fl W 4^s	21	5	TR on skeleton tower.	Obscured from 093° to 261°.
24415	Turn Rock Daybeacon					NR on pipe.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)	N/W					
	Tlevak Strait						
	Port Althorp						
24420	SHOE ISLAND LIGHT	54 57.1 132 44.6	**Fl W** 6s	20	5	NR on skeleton tower.	Obscured from 313° to 059°.
24425	Shoe Island Shoal Buoy 2	54 57.5 132 45.4				Red nun.	
24430	VIEW COVE ENTRANCE LIGHT	55 03.2 132 57.8	**Fl W** 4s	35	6	NR on skeleton tower.	
24435	LIVELY ISLANDS LIGHT	55 13.7 133 05	**Fl W** 6s	20	6	NR on skeleton tower.	Obscured from 158° to 333°.
24440	- LIGHT 2	55 15.8 133 06.9	**Fl R** 4s	22	4	TR on small house.	Obscured from 152° to 279°.
24445	Tlevak Narrows Buoy 4					Red nun.	
	Meares Passage						
24450	MEARES ISLAND LIGHT	55 16.4 133 10.5	**Fl W** 6s	13	4	NR on skeleton tower.	Obscured from 290° to 105°.
24455	DIVER ISLANDS LIGHT	55 10.7 133 15.8	**Fl W** 4s	125	7	NR on small house.	Obscured from 184°30′ to 010°.
	Bucareli Bay						
24460	CAPE BARTOLOME LIGHT	55 13.9 133 36.8	**Fl W** 6s	163	7	NR on skeleton tower.	Obscured from 148° to 263°.
24465	POINT ARBOLEDA LIGHT	55 19.3 133 28.3	**Fl W** 4s	33	6	NR on pole.	
24470	*Cape Flores Lighted Buoy 2*	55 21.4 133 17.6	**Fl R** 4s		3	Red.	
24475	ST. IGNACE ROCK LIGHT	55 25.7 133 23.6	**Fl W** 6s	20	6	NR on skeleton tower.	
24480	Sola Rock Daybeacon SR	55 25.6 133 28.8				JR on pole.	
	Shelter Cove						
24485	- BREAKWATER LIGHT 2	55 28.5 133 08.6	**Fl R** 4s	30	4	TR on steel pile.	
24490	Shelter Cove Entrance Range Front Daybeacon	55 28.5 133 08.4				KRW on skeleton tower.	
24495	Shelter Cove Entrance Range Rear Daybeacon 37 yards 048° from front light.					KRW on skeleton tower.	
	Craig Harbor						
24500	*Fish Egg Reef Lighted Buoy 3*	55 28.5 133 09.6	**Fl G** 2.5s		4	Green.	
24505	Craig Buoy 4					Red nun.	
24510	Saltery Point Shoal Buoy 6	55 28.9 133 08.7				Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)	N/W					
	Craig Harbor						
	Port Althorp						
24515	*Craig Shoal Lighted Buoy 7*	55 29.2 133 08.7	**Fl G 4^{s}**		3	Black.	
	San Alberto Bay						
24520	*Ballena Island Shoal Lighted Buoy 2*	55 28.2 133 13.1	**Fl R 4^{s}**		3	Red.	
24525	Baiandra Shoal Buoy 3					Black can.	
24530	*Fern Reef Lighted Buoy 3A*	55 29.1 133 15.8	**Fl G 4^{s}**		4	Black.	
24535	Parida Island South Reef Buoy 5	55 30.1 133 13.3				Black can.	
24540	*San Alberto Bay Lighted Buoy 7*	55 32.3 133 15	**Fl W 4^{s}**		5	Black.	
	Gulf of Esquibel						
	San Christoval Channel						
24545	*Hermanos Islands Reef Lighted Bell Buoy 8*		**Fl R 4^{s}**		4	Red.	
24550	Piedras Island Reef Buoy 9					Black can.	
24555	Hermanos Island Range Front Daybeacon					KRW on pole.	
24560	Hermanos Islands Range Rear Daybeacon 210 yards 104° from front daybeacon.					KRW on pole.	
24565	San Christoval Three Fathom Buoy					Black and red bands; can.	
24570	LARZATITA ISLAND REEF LIGHT	55 35.1 133 19.6	**Fl W 4^{s}**	22	6	NR on skeleton tower and small house on concrete pier.	
	Klawock Inlet						
24575	*Klawock Reef Lighted Buoy 1*		**Fl G 4^{s}**		4	Black.	
24580	Klawock Reef Buoy 2	55 30.4 133 11.1				Red nun.	
24585	*Klawock Junction Lighted Buoy KL*	55 30.4 133 10.4	**IQ R**		3	Red and black bands.	
24590	Klawock Reef Buoy 3	55 30.5 133 10.4				Black can.	
24595	KLAWOCK TOW CHANNEL ENTRANCE LIGHT 2TC	55 29.9 133 11.5	**Fl R 6^{s}**		3	TR on pole.	
24600	Klawock Tow Channel Daybeacon 3TC	55 30.2 133 10.8				SG on pile.	
24605	Klawock Tow Channel Daybeacon 4TC	55 30.3 133 10.3				TR on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)	N/W					
	Klawock Inlet						
	San Christoval Channel						
24610	Klawock Inlet Buoy 6	55 30.4 133 09.6				Red nun.	
24615	*Klawock Inlet Shoal Lighted Buoy 8*	55 32.6 133 07	Fl R 2.5^s		4	Red.	
24620	Wadleith Island Buoy 9	55 33.6 133 06.8				Black can.	
24625	KLAWOCK LOGGING DOCK LIGHTS (2)	55 33.2 133 06.5	Fl R 10^s	18		On dock.	Private aids.
24630	Highwater Rock Daybeacon 1					SG on pile.	
24635	KLAWOCK HARBOR ENTRANCE LIGHT 2	55 33.5 133 06.2	Fl R 4^s	20	4	TR on small house on skeleton tower on concrete pier.	
24640	Klawock Ledge Daybeacon 3					SG on pile.	
24645	POINT INCARNATION LIGHT	55 33.3 133 37.3	Fl W 2.5^s	19	6	NR on small house.	Obscured from 292° to 070°.
24650	CAPE ULITKA LIGHT	55 33.8 133 43.6	Fl W 6^s	115	6	NR on skeleton tower.	Obscured from 310° to 053°.
24655	Curacao Reef Buoy 8	55 39.4 133 28.2				Red nun.	
24660	Desconocida Reef Buoy 10					Red nun.	
	BOCAS DE FINAS						
24665	*White Cliff Lighted Bell Buoy 12*		Fl R 4^s		3	Red.	
	Bocas De Finas						
24670	Emerald Island Buoy 9					Black can.	
24675	CAPE LYNCH LIGHT	55 46.9 133 42	Fl W 6^s	50	6	NR on small house.	Obscured from 196° to 315°.
	Karheen Passage						
24680	Tonowek Narrows Daybeacon 2T	55 45.3 133 20.4				TR on pile.	
24685	– Daybeacon 1	55 46.3 133 19.3				SG on skeleton tower.	
24690	Point Swift Shoal Buoy 2					Red nun.	
24695	– Buoy 3					Green can.	
24700	– Buoy 4					Red nun.	
24705	– Buoy 5					Black can.	
24710	Chapin Island Range Front Daybeacon					KRW on skeleton tower.	
24715	Chapin Island Range Rear Daybeacon 60 yards 306° from front daybeacon.					KRW on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – SEVENTEENTH DISTRICT				
		N/W					
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	Karheen Passage						
	San Christoval Channel						
24720	– Daybeacon 6	55 47.8 133 18.3				TR on pole.	
24725	– Buoy 8					Red nun.	
24730	PEEP ROCK LIGHT	55 49.2 133 19.8	**Fl W** 4^s	17	5	NR on pile.	
	Davidson Inlet						
24735	SURF POINT LIGHT	55 49.9 133 37.8	**Fl W** 4^s	29	5	NR on skeleton tower.	Obscured from 290° to 060°.
24740	EDNA BAY ENTRANCE LIGHT 2	55 56.4 133 36.9	**Fl W** 6^s	23	4	TR on skeleton tower.	Obscured from 104° to 240°.
24745	Edna Bay Buoy 4					Red nun.	
24750	EDNA BAY LIGHT 5	55 56.5 133 39.4	**Fl G** 4^s	20	3	SG on small house.	
	Sea Otter Sound						
24755	TOKEEN HARBOR ENTRANCE LIGHT	55 56.2 133 19.7	**Fl W** 6^s	35	6	NR on skeleton tower.	Obscured from 128° to 255°.
	Tuxekan Passage						
24760	Aikens Rock Daybeacon 3	55 54.1 133 15.6				SG on skeleton tower.	
24765	Village Rock Daybeacon VR	55 53.5 133 15.3				JR on pile.	
	El Capitan Passage						
24770	– Daybeacon 1	55 55.7 133 18.2				SG on pile.	
24775	Hub Rock Daybeacon 3	55 56.5 133 17.7				SG on pile.	
24780	BURNT ISLAND LIGHT 5	55 58.5 133 17.6	**Fl G** 4^s	15	4	SG on skeleton tower.	Obscured from 004° to 157°30′.
24785	Dry Pass Daybeacon 2	56 09.5 133 22.8				TR on single pole.	
24790	Dry Pass Daybeacon 3	56 09.5 133 22.8				SG on pole.	
24795	Dry Pass Daybeacon 4	56 09.6 133 23.2				TR on pole.	
24800	Dry Pass Daybeacon 5	56 09.6 133 23.3				SG on pole.	
24805	Dry Pass Daybeacon 5A	56 09.7 133 24				SG on pile.	
24810	Dry Pass Daybeacon 6	56 09.9 133 24.6				TR on pile.	
24815	Dry Pass Daybeacon 7	56 09.8 133 24.6				SG on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – SEVENTEENTH DISTRICT				
		N/W					
	DIXON ENTRANCE TO CHATHAM STRAIT (Chart 17400)						
	El Capitan Passage						
	San Christoval Channel						
24820	Dry Pass Daybeacon 9	56 09.9 133 25.1				SG on pole.	
24825	Dry Pass Daybeacon 11	56 09.9 133 25.4				SG on pile.	
24830	Dry Pass Daybeacon 13	56 09.9 133 25.6				SG on pole.	
24835	Dry Pass Daybeacon 14	56 09.8 133 25.8				TR on pole.	
24840	Dry Pass Daybeacon 15	56 09.8 133 25.9				SG on pole.	
24845	Dry Pass Daybeacon 16	56 09.8 133 26.1				TR on pole.	
24850	Dry Pass Daybeacon 17	56 09.7 133 26.1				SG on pole.	
24855	Dry Pass Daybeacon 18	56 09.7 133 26.3				TR on pole.	
24860	Dry Pass Daybeacon 20	56 09.6 133 26.6				TR on pole.	
24865	Dry Pass Daybeacon 21	56 09.5 133 26.8				SG on pole.	
24870	Dry Pass Daybeacon 22	56 09.5 133 27.1				TR on pole.	
24875	Dry Pass Daybeacon 23	56 09.5 133 27				SG on pole.	
24880	Dry Pass Daybeacon 25	56 09.4 133 27.1				SG on pole.	
24885	Dry Pass Daybeacon 26	56 09.3 133 27.3				TR on pile.	
24890	Dry Pass Buoy 28	56 09.2 133 27.6				Red nun.	
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)						
	Little Branch Day						
24895	– LIGHT	56 18.3 134 50.6	**Fl W** 4s	109	5	NR on skeleton tower.	Obscured from 111°30′ to 338°.
	Sitka Sound						
24900	Elovoi Rock Daybeacon 1	56 49.3 135 22.6				SG on pile.	
24905	Koka Island Passage Daybeacon 1	56 54.9 135 23.6				SG on pile.	
24910	CAPE EDGECUMBE LIGHT	56 59.9 135 51.3	**Fl W** 4s	100	7	NR on square frame.	Obscured from 149°30′ to 321°.
24915	VITSKARI ISLAND LIGHT	57 00 135 32.6	**Fl W** 6s	50	9	NR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)	N/W					
	Sitka Sound						
	San Christoval Channel						
24920	*Kulichkof Rock Lighted Bell Buoy 2*	57 00 135 26.9	**Fl R** 4^s		4	Red.	
24925	THE ECKHOLMS LIGHT 4	57 00.6 135 21.4	**Fl R** 6^s	33	4	TR on skeleton tower.	
24930	*Simpson Rock Lighted Bell Buoy 5*	57 01.2 135 20.6	**Fl G** 4^s		4	Black.	
24935	*Tsaritsa Rock Lighted Buoy 7*	57 01.3 135 19.4	**Fl G** 2.5^s		3	Green.	
24940	*Rocky Patch Lighted Buoy RP*	57 01.7 135 18.3	**IQ R**		4	Red and black bands.	
24945	ENTRY POINT LIGHT 1	57 02 135 14.9	**Fl G** 6^s	22	3	SG on square frame.	Obscured from 086° to 248°.
24950	THE TWINS LIGHT 9	57 02.1 135 18.7	**Fl G** 4^s	14	5	SG on skeleton tower.	Obscured from 030° to 146°.
24955	ROCKWELL LIGHT	57 02.2 135 19.9	**F R**	50		White octagonal tower with dwelling attached. 42	Private aid.
24960	TURNING ISLAND LIGHT 11	57 02.6 135 20.1	**Fl G** 2.5^s	16	6	SG on skeleton tower.	Obscured sector from 062° to 153°.
24965	Crescent Boat Harbor Buoy 1					Black can.	
24970	CRESCENT HARBOR EAST BREAKWATER LIGHT 4	57 03 135 19.7	**Fl R** 2.5^s	19	4	TR on square frame.	
24975	CRESCENT HARBOR WEST BREAKWATER LIGHT 3		**Fl G** 2.5^s	20	4	SG on square frame structure.	
24980	JAPONSKI HARBOR ENTRANCE LIGHT 1	57 02.8 135 20.7	**Fl G** 4^s		4	SG on pile.	
24985	JAPONSKI HARBOR ENTRANCE LIGHT 2	57 02.9 135 20.7	**Fl R** 6^s		4	TR on pile.	
24990	Japonski Harbor Daybeacon 3	57 02.9 135 20.8				SG on pile.	
24995	Chevron Fuel Dock Daybeacon	57 02.9 135 20.4				NW on pile, worded DANGER ROCK.	Private
25000	*Makhnati Rock Lighted Whistle Buoy 2*	57 02.2 135 23.7	**Fl R** 2.5^s		4	Red.	
25005	SIGNAL ISLAND LIGHT 4	57 02.8 135 23.4	**Fl R** 4^s	48	4	TR	Obscured from 217° to 005°.
25010	*Usher Rock Shoal Lighted Buoy 5*	57 03.1 135 23.7	**Fl G** 4^s		3	Black.	
25015	BATTERY ISLAND LIGHT 6	57 03.6 135 22.8	**Fl R** 6^s	16	4	TR on small house.	Obscured from 263° to 061°.
25020	CHANNEL ROCK LIGHT 8	57 03.6 135 22.1	**Fl R** 2.5^s	25	5	TR on wooded platform, on skeleton tower, on concrete pier.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)	N/W					
	Sitka Sound						
	San Christoval Channel						
25025	*Channel Rock Lighted Buoy 7*		**Fl G** 4^{s}		3	Black.	
25030	*Sitka Harbor Channel Lighted Buoy 9*	57 03.2 135 20.9	**Q G**		3	Black.	
25035	Harbor Rock Daybeacon	57 03.2 135 20.8				NB on skeleton tower.	
25040	*Sitka Harbor Channel Lighted Buoy 11*	57 03.1 135 20.8	**Fl G** 4^{s}		3	Black.	
25045	North Japonski Island Coast Guard Mooring Buoy					White spherical buoy.	
25050	Kasiana Island Shoal Buoy 1	57 05.4 135 24.3				Black can.	
25055	OLD SITKA ROCKS LIGHT 2	57 06.9 135 24.6	**Fl R** 6^{s}	36	4	TR on skeleton tower.	
25060	BIG GAVANSKI ISLAND LIGHT 3	57 08.5 135 24.9	**Fl G** 2.5^{s}		4	SG on skeleton tower.	
25065	LISIANSKI POINT LIGHT 4	57 09 135 24.4	**Fl R** 4^{s}	41	4	TR on skeleton tower.	Obscured from 158° to 318°.
	Olga Strait						
25070	– LIGHT 5	57 11.4 135 27.9	**Fl G** 6^{s}	15	6	SG on dolphin.	
25075	– Daybeacon 7					SG on dolphin.	
25080	– *Lighted Buoy 9*	57 12.6 135 29.6	**Fl G** 4^{s}		4	Black.	
25085	– LIGHT 11	57 13.8 135 32	**Fl G** 4^{s}	15	3	SG on skeleton tower.	
	Neva Strait						
25090	NEVA POINT REEF LIGHT 12	57 14.1 135 33	**Fl R** 6^{s}	17	6	TR on pile.	Obscured from 147° to 217°.
25095	*Whitestone Narrows Rock Lighted Buoy 13*		**Fl G** 4^{s}		4	Black.	
25100	WHITESTONE POINT LIGHT 14	57 14.7 135 33.6	**Fl R** 2.5^{s}	11	4	TR on steel structure.	Obscured from 170° to 347°.
25105	Whitestone Narrows Channel Buoy 15					Black can.	
25110	*Whitestone Narrows Channel Lighted Buoy 17*	57 14.9 135 33.9	**Q G**		3	Black.	
25115	Whitestone Sandspit Buoy 18					Red nun.	
25120	WHITESTONE NARROWS CHANNEL RANGE FRONT LIGHT	57 15.2 135 34	**Q W**	24		KRW on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	CORONATION ISLAND TO LISIANSKI STRAIT (Chart 17320)	N/W					
	Neva Strait						
	San Christoval Channel						
25125	WHITESTONE NARROWS CHANNEL RANGE REAR LIGHT 135 yards 345° from front light.		**F W**	32		KRW on skeleton tower.	
25130	Columbine Rock Daybeacon 19					SG on square frame.	
25135	*– Lighted Buoy 20*	57 15.8 135 34.8	**Fl R** 4^{s}		3	Red.	
25140	*Wyville Reef Lighted Buoy 22*	57 16.3 135 35.4	**Fl W** 4^{s}		3	Red.	
25145	*Highwater Island Shoal Lighted Buoy 23*	57 16.9 135 36	**Fl G** 4^{s}		3	Black.	
25150	– ENTRANCE ISLAND LIGHT 24	57 17.5 135 36.2	**Fl R** 6^{s}	30	4	TR on skeleton tower.	Obscured from 154° to 345°.
25155	KANE ISLANDS LIGHT 25	57 19.4 135 39.7	**Fl G** 4^{s}	40	4	SG on square frame.	Obscured from 342° to 103°.
	Salisbury Sound						
25160	Morskoi Rock Buoy 2					Red nun.	Maintained from May 1 to Sept. 30.
25165	KLOKACHEF ISLAND LIGHT	57 24.2 135 54.2	**Fl W** 6^{s}	85	7	NR on square frame.	Obscured from 155°30′ to 291°.
	Peril Strait						
25170	*Kakul Rock Lighted Buoy 2*		**Fl R** 6^{s}		4	Red.	
	Salisbury Sound						
25175	Brad Rock Buoy 3	57 22.4 135 41.3				Black can.	
25180	KAKUL NARROWS LIGHT 4	57 22.5 135 40.9	**Fl R** 2.5^{s}	27	4	TR on small house on skeleton tower on concrete pier.	
25185	SULOIA POINT LIGHT 5	57 23.4 135 38.9	**Fl G** 2.5^{s}	22	4	SG on square frame.	Obscured from 021° to 190°.
25190	*West Francis Rock Lighted Buoy 6*	57 24.3 135 38.3	**Fl R** 2.5^{s}		3	Red.	
25195	Sergius Narrows Buoy 8					Red nun.	
25200	SERGIUS NARROWS LIGHT 9	57 24.5 135 37.8	**Fl G** 4^{s}	17	4	SG on skeleton tower.	Obscured from 080° to 243°.
25205	Wayanda Ledge Buoy 10					Red nun.	
25210	*Liesnoi Shoal Lighted Buoy 11*		**Fl G** 2.5^{s}		3	Green.	
25215	POINT SIROI ISLAND LIGHT 12	57 25.2 135 35.2	**Fl R** 2.5^{s}	15	4	TR on skeleton tower.	Obscured from 272° to 025°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	Peril Strait	N/W					
	Salisbury Sound						
	San Christoval Channel						
25220	Deep Bay Entrance Daybeacon 1					SG on pole.	
25225	MIDDLE POINT LIGHT 14	57 26.4 135 34.4	Fl R 4^s	23	4	TR on skeleton tower.	
25230	YELLOW POINT LIGHT 16	57 26.9 135 33.6	Q R	17	3	TR on square frame.	Obscured from 265° to 034°.
25235	Yellow Point Rock Daybeacon 18					TR on concrete pier.	
25240	ROSE ISLAND ROCK LIGHT 19	57 27.3 135 32.3	Q G	17	4	SG on skeleton tower.	Obscured from 080° to 190°.
25245	BIG ROSE ISLAND LIGHT 21	57 27.5 135 32.3	Fl G 4^s		4	SG on skeleton tower.	Obscured from 178° to 329°.
25250	Rose Channel Rock Daybeacon					NR on skeleton tower.	
25255	–LIGHT 22	57 29.5 135 32.4	Fl R 2.5^s	13	4	TR on skeleton tower.	Obscured from 180° to 338°.
25260	POVOROTNI ISLAND LIGHT	57 30.8 135 33.2	Q W		5	NR on small house.	Obscured from 314° to 032°.
25265	ELOVOI ISLAND LIGHT 26	57 34.9 135 27.9	Fl R 6^s		4	TR on skeleton tower.	
25270	*Otstoia Island Lighted Buoy 2*				3	Red.	
25275	OTSTOIA ISLAND LIGHT 1	57 33.7 135 26.9	Fl W 4^s	17	6	NR on skeleton tower.	Obscured from 106° to 244°.
25280	*Cozian Reef Lighted Bell Buoy 3*	57 34.1 135 25.5	Fl G 6^s		4	Black.	
25285	BROAD ISLAND LIGHT	57 35.2 135 23.5	Q W	14	6	NR on skeleton tower.	Obscured from 152° to 291°.
25290	Rodman Rock Buoy 1					Black can.	
25295	PESCHANI POINT LIGHT	57 32.3 135 19.2	Fl W 2.5^s		6	NR on skeleton tower.	
25300	POINT BENHAM LIGHT	57 29 135 11.7	Fl W 4^s	19	6	NR on square frame.	Obscured from 310° to 117°.
25305	McCLELLAN ROCK LIGHT	57 27.2 135 01.5	Fl W 6^s	17	6	NR on cylindrical pier.	
25310	FAIRWAY ISLAND LIGHT 32	57 26.6 134 52.2	Fl R 6^s	55	4	TR on abandoned dwelling.	Obscured from 317° to 092°.
25315	POINT CRAVEN LIGHT	57 27.8 134 51.9	Fl W 2.5^s	35	5	NR.	Obscured from 078° to 157°.
25320	*Morris Reef Lighted Bell Buoy 35*		Fl G 4^s		5	Black.	
	Khaz Bay						
25325	*Khaz Breaker Lighted Whistle Buoy 2*	57 31.2 136 07.7	Fl R 6^s		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	Peril Strait						
	Khaz Bay						
	San Christoval Channel						
25330	Ninefoot Shoal Buoy 4					Red nun.	
25335	Klag Bay Entrance Daybeacon 1					SG on post.	
25340	The Gate Daybeacon A					NG on post on concrete.	
25345	Klag Island Daybeacon B	57 37.1 136 05.9		30		NR on pole.	
	Ogden Passage						
25350	Snipe Rock Daybeacon 1	57 38.3 136 10.6				SG on pole.	
25355	Dippy Island Rock Daybeacon 3					SG on pole on pier.	
	Portlock Harbor						
25360	Black Bay Rocks Daybeacon 4	57 42.4 136 09.2				TR on pole.	
25365	Minnie Reef Daybeacon 5	57 43.2 136 10.2				SG on pole on concrete foundation.	
25370	HILL ISLAND LIGHT	57 43.7 136 16.5	Fl W 4^s	60	6	NR on square frame.	Obscured from 111° to 264°.
	STEPHENS PASSAGE TO CROSS SOUND (Chart 17300)						
	Lisianski Strait						
25375	– LIGHT 2	57 50.7 136 26	Fl R 4^s	53	3	TR on square frame.	Obscured from 210° to 024°.
25380	– LIGHT 4	57 56.1 136 21.6	Fl W 4^s	25	4	TR on skeleton tower.	Obscured from 165° to 330°. High intensity beam toward southeast entrance to strait.
25385	– Daybeacon 5	57 59.2 136 22.6				SG on pile.	
25390	– LIGHT 6	57 59.4 136 22.1	Fl R 2.5^s	25	3	TR on steel skeleton tower.	
25395	– LIGHT 8	58 00.2 136 21.1	Fl R 4^s	15	3	TR on pile.	Obscured from 275° to 036°.
	Graves Harbor						
25400	– Daybeacon 2	58 17.2 136 41.5				TR on pile.	
	CROSS SOUND TO YAKUTAT BAY (Chart 16760)						
	Lituya Bay						
25405	– ENTRANCE CHANNEL RANGE FRONT LIGHT	58 37.6 137 39.4	Q W	22		KRW on skeleton tower.	Obscured from 048° to 348°; higher intensity on rangeline.
25410	– ENTRANCE CHANNEL RANGE REAR LIGHT 475 yards, 007°30′ from front light.		Iso W 6^s	37		KRW on skeleton tower.	Obscured from 170° to 222°; higher intensity on rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	CROSS SOUND TO YAKUTAT BAY (Chart 16760)	N/W					
	Yakutat Bay						
	San Christoval Channel						
25415	OCEAN CAPE LIGHT	59 32.1 139 51.3	**Fl W 6^{s}**	130	9	NR on skeleton tower.	Obscured from 151° to 309°.
25420	*– Entrance Lighted Whistle Buoy 2*	59 31.9 139 57.1	**Fl R 2.5^{s}**		5	Red.	
25425	*– Lighted Whistle Buoy 4*	59 35.6 139 51.1	**Fl R 4^{s}**		4	Red.	
25430	– Buoy 6	59 42.6 139 41.8				Red nun.	
25435	– Buoy 8	59 41.4 139 38.5				Red nun.	
25440	KHANTAAK ISLAND LIGHT	59 33.6 139 46.9	**Fl W 4^{s}**	28	6	NR on skeleton tower.	Obscured from 149° to 258°.
25445	Middle Ground Shoal Lighted Buoy 3	59 33.4 139 45.8	**Fl G 2.5^{s}**		3	Green.	
	CONTROLLER BAY (Chart 16723)						
	Controller Bay						
25450	MARTIN ISLANDS LIGHT	60 09.9 144 36.2	**Fl W 6^{s}**	150	6	NR on skeleton tower.	Obscured from 174° to 225°.
	Copper River Delta						
	CAUTION: Only mariners with a thorough local knowledge of area should attempt passage into the Delta unless during emergency situations.						
25455	SOFTUK BAR CHANNEL LIGHT S	60 13.8 144 57	**Oc W 4^{s}**	12	6	NG on skeleton tower.	Maintained from May 1 to Oct. 1.
25460	KOKENHENIC BAR CHANNEL LIGHT K	60 13.6 145 08.6	**Fl W 4^{s}**	12	5	NG on skeleton tower.	Maintained from May 1 to Oct. 1.
25465	GRASS ISLAND BAR CHANNEL LIGHT G	60 14.8 145 16.9	**Fl W 6^{s}**	12	6	NG on skeleton tower.	Maintained from May 1 to Oct. 1.
25470	PETER DAHL BAR CHANNEL LIGHT P	60 18.5 145 29.7	**Fl W 2.5^{s}**	12	5	NG on skeleton tower.	Maintained from May 1 to Oct. 1.
25475	*Egg Island Lighted Whistle Buoy EI*	60 17.4 145 43.1	**Mo (A) W**		6	Red and white stripes.	
25480	EGG ISLAND LIGHT E	60 22.3 145 44.7	**Fl W 6^{s}**	20	9	NG on skeleton tower.	
25485	*Point Bentinck Bar Lighted Bell Buoy 1*	60 19.4 145 59.7	**Fl W 2.5^{s}**		5	Green.	
25490	Copper River Delta Buoy S					Yellow spherical.	Maintained from May 1 to Oct. 1.
25495	Copper River Delta Buoy K					Yellow spherical.	Maintained from May 1 to Oct. 1.
25500	Copper River Delta Buoy G					Yellow spherical.	Maintained from May 1 to Oct. 1.
25505	Copper River Delta Buoy P					Yellow spherical.	Maintained from May 1 to Oct. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	CONTROLLER BAY (Chart 16723)	N/W					
	Copper River Delta						
	San Christoval Channel						
25510	MUMMY ISLAND LIGHT 5	60 27.8 145 59.2	**Fl W** 4^s			SG on skeleton tower.	
	PRINCE WILLIAM SOUND (16700)						
	Prince William Sound						
25515	SEAL ROCKS LIGHT	60 09.8 146 50.2	**Fl W** 6^s	48	8	NR on skeleton tower.	RACON: D (—••).
25520	*Seal Rocks Shoal Lighted Gong Buoy 1*	60 10 146 44.8	**Fl G** 4^s		4	Black.	
25525	SCHOONER ROCK LIGHT 1	60 18.4 146 54.3	**Fl G** 6^s	65	6	SG on skeleton tower.	Obscured from 358° to 129°.
25530	BEAR CAPE LIGHT 2	60 23.4 146 43.7	**Fl R** 6^s	39	6	TR on skeleton tower.	Obscured from 209° to 011°.
25535	**Johnstone Point Light**	60 29 146 36.7	**Fl W** 5^s	57	14	NR on skeleton tower.	Obscured from 256° to 052°.
25540	*Middle Ground Shoal Lighted Bell Buoy 2*		**Fl R** 6^s		4	Red.	
	Orca Bay						
25545	GRAVINA POINT LIGHT 3	60 37.4 146 15.1	**Fl G** 6^s	27	5	SG on skeleton tower.	Obscured from 120° to 264°.
25550	*Hanks Island Rock Lighted Bell Buoy 5*	60 36.5 145 59.4	**Fl G** 4^s		4	Green.	
25555	*Channel Island Rock Lighted Buoy 7*		**Fl G** 4^s		4	Green.	
25560	THE NARROWS LIGHT 8	60 36.2 145 47.4	**Fl R** 6^s	12	5	TR on skeleton tower.	Higher intensity beam toward Orca Bay.
25565	ORCA BAY LIGHT 9	60 38 145 45	**Fl G** 6^s	12	5	SG on skeleton tower.	Higher intensity beam down western channel.
25570	NORTH ISLAND ROCK LIGHT 10	60 37.7 145 42.6	**Fl R** 6^s	14	3	TR on concrete pile.	
	Orca Inlet						
25575	– *Channel Lighted Buoy 12*	60 37.5 145 41.4	**Fl R** 4^s		3	Red.	
25580	– Channel Buoy 14					Red nun.	
25585	– *Channel Lighted Buoy 15*		**Fl G** 4^s		3	Green.	
25590	– *Channel Lighted Buoy 16*		**Fl R** 2.5^s		3	Red.	
25595	– *Channel Lighted Buoy 18*	60 34.6 145 44.7	**Fl R** 4^s		4	Red.	
25600	– *Channel Junction Lighted Bell Buoy OI*	60 34 145 45.5	**IQ W**		5	Red and black bands.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – SEVENTEENTH DISTRICT				
	PRINCE WILLIAM SOUND (16700)	N/W					
	Orca Inlet						
	San Christoval Channel						
25605	SPIKE ISLAND LIGHT	60 33 145 46.1	**Fl W** 6^s	35	6	NR on skeleton tower.	
25610	CORDOVA BOAT HARBOR LIGHT 2	60 32.8 145 46	**Fl R** 4^s	16	3	TR on skeleton tower.	
25615	– South Channel Buoys (16)					Red nuns and green cans.	Maintained from May 15 to Nov. 1. Route requires local knowledge. Extreme caution advised due to shifting shoals.
25620	Odiak Slough Buoy 2					Red spherical.	Private aid.
25625	ODIAK PHAROS LIGHT	60 32.3 145 45.7	**F W**	26		White octagonal tower. 18	Private aid.
25630	– WEST CHANNEL LIGHT 2	60 36.9 145 45.5	**Fl R** 6^s	30	4	TR on skeleton tower.	
25635	*– West Entrance Channel Lighted Buoy 3*		**Fl G** 2.5^s		3	Green.	
25640	*– West Channel Lighted Buoy 4*	60 36.7 145 45.6	**Fl R** 4^s		3	Red.	
25645	*Knowles Head Shoal Lighted Bell Buoy 4*	60 40.5 146 44	**Fl R** 4^s		4	Red.	
25650	RED HEAD LIGHT	60 40.3 146 30.1	**Fl W** 4^s	38	6	NG on skeleton tower.	Obscured from 134° to 308°.
25655	**Goose Island Light**	60 42.8 146 43.6	**Fl W** 10^s	38	12	NR on skeleton tower.	Obscured from 151° to 313°.
25660	*Bligh Reef Lighted Bell Buoy 6*	60 50.5 146 54.3	**Fl R** 4^s		4	Red.	
25665	GLACIER ISLAND LIGHT	60 52.4 147 05.4	**Fl W** 6^s	38	9	NR on skeleton tower.	Obscured from 040° to 225°.
25670	BUSBY ISLAND LIGHT	60 53.8 146 48.9	**Fl W** 6^s **(R sector)**	48	W 9 R 6	NR on skeleton tower.	Obscured from 245° to 343°. **Red from 343° to 044°.**
25675	Tatitlek Narrows Buoy 1					Black can.	
25680	Tatitlek Narrows Buoy 2					Red nun.	
25685	Tatitlek Narrows Buoy 4					Red nun.	
25690	Tatitlek Narrows Buoy 6					Red nun.	
25695	*Ellamar Entrance Lighted Buoy 2*	60 53.7 146 43.2	**Fl R** 4^s		4	Red.	
	Valdez Arm						
25700	*Valdez Arm Lighted Buoy 9*	60 57.2 146 52.6	**Fl G** 4^s		4	Green.	
25705	ROCKY POINT LIGHT 10	60 57.1 146 46	**Fl R** 4^s	38	5	TR on skeleton tower.	Obscured from 211° to 335°.
25710	Jack Bay Buoy 2	61 01.9 146 36.8				Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	PRINCE WILLIAM SOUND (16700)	N/W					
	Valdez Arm						
	San Christoval Channel						
25715	POTATO POINT LIGHT 11	61 03.4 146 41.7	**Oc G** 4^{s}	38	9	SG on skeleton tower.	Higher intensity beam towards 050°. Obscured from 040° to 211°.
25720	Valdez Narrows Buoy 11A	61 03.3 146 41.5				Green can.	
25725	ENTRANCE POINT LIGHT 12	61 03.8 146 39.6	**Fl R** 5^{s}	38	5	TR on skeleton tower.	Obscured from 210° to 353°.
25730	MIDDLE ROCK LIGHT 13	61 04.9 146 39	**Q G**	30	7	SG on concrete pier.	Higher intensity beam down Valdez Arm.
	Port Valdez						
25735	ENTRANCE ISLAND LIGHT 14	61 05.1 146 36.7	**Fl R** 2.5^{s}	38	5	TR on skeleton tower.	Obscured from 266° to 063°.
25740	– LIGHT 15	61 07.4 146 33.9	**Fl G** 4^{s}	12	5	SG on skeleton tower.	Obscured from 071° to 269°.
25745	– Rock Buoy	61 05.4 146 24.6				White and orange bands, worded ROCK; spherical.	Private aid.
25750	– Mooring Buoy BM	61 05.3 146 24.6				Blue and white bands; lettered BM.	Private aid.
25755	– BERTH 5 WEST LIGHT	61 05.4 146 24.5	**Q W**	35		On mooring dolphin.	Private aid.
25760	– BERTH 5 LIGHT	61 05.4 146 24.2	**Q W**	90		On building.	Private aid.
25765	– BERTH 4 WEST LIGHT	61 05.3 146 23.9	**Q R**	35		On mooring dolphin.	Private aid.
25770	– BERTH 4 LIGHT	61 05.3 146 23.7	**Q R**	90		On building.	Private aid.
25775	– BERTH 4 EAST LIGHT	61 05.3 146 23.5	**Q R**	35		On mooring dolphin.	Private aid.
25780	– BREAKWATER LIGHT	61 05.2 146 23.5	**F W**	24			Private aid.
25785	– BERTH 3 WEST LIGHT	61 05.3 146 23.1	**Q W**	35		On mooring dolphin.	Private aid.
25790	– BERTH 3 LIGHT	61 05.4 146 23	**Q W**	90		On building.	Private aid.
25795	– BERTH 3 EAST LIGHT	61 05.4 146 22.8	**Q W**	35		On mooring dolphin.	Private aid.
25800	– BERTH 1 WEST LIGHT	61 05.4 146 22.3	**Q R**	35		On mooring dolphin.	Private aid.
25805	– BERTH 1 LIGHT	61 05.4 146 22.1	**Q R**	82		On building.	Private aid.
25810	– BERTH 1 EAST LIGHT	61 05.3 146 21.8	**Q R**	35		On mooring dolphin.	Private aid.
25815	VALDEZ BOAT HARBOR LIGHT 2		**Fl R** 4^{s}	22	5	TR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	PRINCE WILLIAM SOUND (16700) N/W						
	Port Valdez						
	San Christoval Channel						
25820	VALDEZ BOAT HARBOR LIGHT 3		Fl G 4^{s}	33	4	SG on skeleton tower.	
25825	VALDEZ CONTAINER TERMINAL LIGHTS (2)	61 07.3 146 18.4	F G	16			Private aids.
25830	*Smith Island Lighted Bell Buoy 1*	60 32.1 147 17.1	Fl W 2.5^{s}		5	Black.	
25835	Pennsylvania Rock Buoy 2	60 26.8 147 24				Red nun.	
25840	SEAL ISLAND LIGHT	60 25.8 147 24.9	Fl W 4^{s}	45	6	NR on skeleton tower.	Obscured from 261° to 034°.
25845	APPLEGATE SHOALS LIGHT	60 21.3 147 23.5	IQ W	24	6	NR on skeleton tower.	
25850	POINT ELEANOR LIGHT	60 34.9 147 33.7	Fl W 6^{s}	45	6	NR on skeleton tower.	Obscured from 301° to 091°.
25855	*Lone Island Shoal Lighted Bell Buoy 2*		Fl W 4^{s}		6	Red.	
25860	PERRY ISLAND LIGHT	60 39.3 147 55.8	Fl W 6^{s}	35	6	NR on skeleton tower.	Obscured from 117° to 266°.
25865	CULROSS ISLAND LIGHT	60 44.9 148 06.7	Fl W 4^{s}	40	6	NR on skeleton tower.	Obscured from 334° to 128°.
25870	POINT ESTHER LIGHT	60 47.2 148 05.8	Fl W 6^{s}	31	6	NR on skeleton tower.	Obscured from 108° to 276°.
	Passage Canal						
25875	POINT PIGOT LIGHT	60 48.1 148 21.3	Fl W 6^{s}	25	6	NR on skeleton tower.	Obscured from 100° to 247°.
25880	DECISION POINT LIGHT	60 48.4 148 27.2	Fl W 4^{s}	35	5	NR on skeleton tower.	Obscured from 315° to 105°.
25885	TRINITY POINT LIGHT	60 43.4 148 34	Fl W 6^{s}	39	6	NR on skeleton tower.	Obscured from 262° to 079°.
25890	EAST BARGE SLIP LIGHT	60 46.7 148 40.2	F R	12		On dolphin.	Private aid.
25895	MARGINAL WHARF LIGHT	60 46.7 148 40.4	F R	12		On pole.	Private aid.
25900	WHITTIER BREAKWATER LIGHT 1	60 46.8 148 41.5	Fl G 4^{s}	8	3	SG on pole.	Obscured from 233° to 078°.
	Port Nellie Juan						
25905	- LIGHT	60 35.9 148 06	Fl W 2.5^{s}	23	5	NR on skeleton tower.	Obscured from 281° to 070°.
	Knight Island Passage						
25910	CRAFTON ISLAND LIGHT	60 30.7 147 55.9	Fl W 4^{s}	70	6	NR on skeleton tower.	Obscured from 328° to 146°.
25915	NEW YEAR ISLANDS LIGHT	60 18.7 147 55	Fl W 6^{s}	23	6	NR on skeleton tower.	Obscured from 193° to 316°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	PRINCE WILLIAM SOUND (16700)	N/W					
	Knight Island Passage						
	San Christoval Channel						
25920	PLEIADES LIGHT	60 14.4 148 00.5	Fl W 4^{s}	30	6	NR on small house.	Obscured from 343° to 128°.
25925	POINT HELEN LIGHT	60 09.2 147 45.8	Fl W 6^{s}	35	6	NR on skeleton tower.	Obscured from 083° to 228°.
	Sawmill Bay						
25930	– Buoy 1	60 02.2 148 01.2				Green can.	
25935	Crab Bay Daybeacon 2	60 04.1 148 00.4				TR on steel pile.	Tide Guage. Private aid.
25940	Port Ashton Buoy 2					Red nun.	
25945	– LIGHT 3	60 03.3 148 02.1	Fl G 4^{s}	14	5	SG on skeleton tower.	Obscured from 293° to 062°.
25950	– Bay Buoy 5	60 03 148 05.1				Green can.	
25955	– Bay Buoy 6	60 03.1 148 03.5				Red nun.	
25960	Port San Juan Obstruction Buoy	60 03.1 148 03.5				Green and red bands.	
	Elrington Passage						
25965	– LIGHT	60 02.8 148 00.5	Fl W 6^{s}	25	6	NR on skeleton tower.	Obscured from 061° to 270°.
25970	EVANS ISLAND LIGHT	59 59.2 148 07.3	Fl W 2.5^{s}	20	6	NR on skeleton tower.	Obscured from 084° to 249°.
25975	LONETREE POINT LIGHT	59 59 148 11.9	Fl W 4^{s}	30	6	NR on skeleton tower.	Obscured from 280° to 063°.
25980	POINT ELRINGTON LIGHT	59 56.2 148 14.9	Fl W 6^{s}	30	7	NR on skeleton tower.	Obscured from 179° to 023°.
	POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)						
	Resurrection Bay						
25985	RUGGED ISLAND LIGHT	59 50.3 149 22.3	Fl W 6^{s}	438	7	NR on square frame.	Obscured from 059° to 099° and from 114° to 221°.
25990	HIVE ISLAND LIGHT	59 53.4 149 22.1	Fl W 4^{s}	80	5	NR on pipe.	Obscured from 320 to 131°.
25995	CAINES HEAD LIGHT	59 59 149 23.1	Fl W 4^{s}	35	5	NR on pile.	Obscured rom 043° to 214°.
26000	THUMB COVE LIGHT	60 00.4 149 19.9	Fl W 6^{s}	42	6	NR on skeleton tower on pier.	Obscured from 113° to 249°.
26005	FOURTH OF JULY SOUTH BREAKWATER LIGHT	60 05.1 149 21.5	Fl R 4^{s}	9		On pedestal.	Private aid.
26010	SEWARD MARINE DOCK LIGHT	60 06 149 26.4	FR			On end of dock.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	POINT ELRINGTON TO EAST CHUGACH ISLAND (Chart 16680)	N/W					
	Resurrection Bay						
	San Christoval Channel						
26015	*Seward Boat Harbor Lighted Buoy 1*		**Fl G** 2.5^{s}		4	Black.	
26020	SEWARD EAST BREAKWATER LIGHT 2	60 07 149 25.9	**Fl R** 4^{s}	16	5	TR on skeleton tower.	
26025	SEWARD WEST BREAKWATER LIGHT 3		**Fl G** 4^{s}	16	5	SG on skeleton tower.	
26030	Railroad Pier Daybeacon 2					TR on dolphin.	
26035	*Seward Coal Lighted Mooring Buoy*	60 06.8 149 25.7	**Q W**			White cylinder.	Private aid.
26040	SEWARD COAL DOLPHIN LIGHT	60 06.9 149 25.6	**Fl G** 6^{s}	10		Pile dolphin.	Private aid.
26045	ALASKA RAILROAD DOCK WEST LIGHT	60 07.1 149 25.6	**F R**	31			Private aid.
26050	ALASKA RAILROAD DOCK EAST LIGHT	60 07.1 149 25.5	**F R**	31			Private aid.
	McArthur Pass						
26055	– LIGHT	59 27.8 150 20.1	**Fl W** 4^{s}	45	6	NR on skeleton tower.	Obscured from 074° to 256°.
	COOK INLET (Southern Part) (Chart 16640)						
	Cook Inlet						
	Oil well structures exist in Cook Inlet from Kalgin Island to the mouth of the Beluga River. Some buoys may be located outside of the wire dragged area.						
26060	Kennedy Entrance Obstruction Bell Buoy KE	58 55.8 151 25.7				Green and red bands.	
26065	EAST CHUGACH LIGHT	59 06.4 151 26.5	**Fl W** 6^{s}	325	7	NR on skeleton tower.	Obscured from 118° to 227°.
26070	PERL ISLAND LIGHT 1	59 07.1 151 38.3	**Fl W** 2.5^{s}	80	7	SG on skeleton tower.	Obscured from 311° to 117°.
26075	*Chugach Passage Lighted Buoy 2*		**Fl R** 2.5^{s}		5	Red.	
26080	Chugach Passage Lighted Buoy 3	59 10.9 151 47.4	**Fl G** 4^{s}		4	Black.	
26085	PORT CHATHAM ENTRANCE LIGHT 4	59 12.6 151 46.4	**Fl (2) R** 5^{s}	40	6	TR on skeleton tower.	
26090	Port Chatham Shoal Buoy PC					Black and red bands; can.	
26095	PERL ROCK LIGHT	59 05.4 151 41.5	**Fl W** 4^{s}	66	8	NR on square tower.	
26100	**East Amatuli Island Light**	58 55 151 57	**Fl W** 5^{s}	120	12	NR on skeleton tower.	Obscured from 076° to 147°.
26105	CAPE ELIZABETH LIGHT	59 08.9 151 52.5	**Fl W** 6^{s}	48	9	NR on square tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	COOK INLET (Southern Part) (Chart 16640)	N/W					
	Cook Inlet						
	San Christoval Channel						
26110	FLAT ISLAND LIGHT	59 19.9 151 59.6	Fl W 4^s	70	9	NR on small house.	
	Port Graham						
26115	– Entrance Shoal Buoy 1					Black can.	
26120	– ENTRANCE LIGHT 2	59 22.4 151 53	Fl R 4^s	50	5	TR on small house.	Obscured from 313° to 070°.
26125	– Buoy 3					Black can.	
26130	Passage Island Spit Buoy 4					Red nun.	
26135	North Spit Buoy 5					Black can.	
26140	South Spit Buoy 6					Red nun.	
26145	POINT POGIBSHI LIGHT	59 25.5 151 53.1	Fl W 2.5^s	94	7	NR on skeleton tower.	
	Seldovia Bay						
26150	– ENTRANCE LIGHT 1	59 27.2 151 43.2	Fl G 6^s	64	6	SG on small house.	Obscured from 205° to 084° and from 091° to 101°.
26155	*– Lighted Buoy 3*		Fl G 2.5^s		4	Black.	
26160	*– Lighted Buoy 4*	*59 26.8* 151 43.3	Fl R 4^s		4	Red.	
26165	– LIGHT 5	59 26.6 151 43.2	Fl G 4^s	45	3	SG on small house.	
26170	SELDOVIA DOCK LIGHTS (2)	59 26.5 151 43.1	F R	15		Pole.	Private aids.
26175	– Buoy 6					Red nun.	
26180	SELDOVIA BREAKWATER LIGHT 7	59 26.4 151 43.1	Fl G 2.5^s	22	3	SG on skeleton tower.	
	Kachemak Bay						
26185	Tutka Bay Entrance Buoy 2					Red nun.	
26190	COHEN ISLAND ROCK LIGHT 2	59 33 151 27.9	Fl W 4^s	79	8	TR on skeleton tower.	Higher intensity beam from 060° to 120°.
26195	*Archimandritof Shoals Lighted Buoy 3*	59 35.5 151 26.1	Fl G 2.5^s		4	Black.	
26200	HOMER SPIT LIGHT	59 36.1 151 24.5	Fl G 6^s	34	4	On tower on top of hotel roof.	Higher intensity beam directed toward 238°.
26205	**Lands End Light**	59 36.1 151 24.6	Fl W 10^s	37	15	On water tank.	
26210	HOMER BREAKWATER LIGHT 2	59 36.3 151 24.8	Q R	20	4	TR on skeleton tower.	
26215	HOMER FUEL DOCK NORTH LIGHT	59 36.3 151 24.9	Q G	30			Private aid.
26220	HOMER FUEL DOCK SOUTH LIGHT	59 36.2 151 24.9	Q G	5			Private aid.

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(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	COOK INLET (Southern Part) (Chart 16640)						
	Kachemak Bay						
	San Christoval Channel						
26225	GULL ISLAND LIGHT 4	59 35.1 151 19.6	**Fl R 4^s**	94	5	TR on skeleton tower.	
26230	HALIBUT COVE LIGHT 2	59 36.1 151 12.8	**Fl R 6^s**	70	5	TR on small house.	Obscured from 024° to 119°.
26235	*Corps of Engineers Research Lighted Buoy 1*	59 34.5 151 58.7	**Fl (5) Y 20^s**			Yellow spherical.	High intensity flash tube. Maintained by U.S. Army.
26240	*Corps of Engineers Research Lighted Buoy 2*	59 36.4 151 32.4	**Fl (5) Y 20^s**			Yellow spherical.	High intensity flash tube. Maintained by U.S. Army.
26245	Halibut Cove Daybeacon 4					TR on pipe on rock.	
26250	**Anchor Point Light**	59 46.2 151 51.9	**Fl W 5^s**	41	15	NR on skeleton tower.	Obscured 174° to 346°30'.
26255	NINILCHIK CHANNEL ENTRANCE LIGHT 1	60 03.3 151 39.6	**Fl G 4^s**	15	6	SG on skeleton tower.	Use only with local knowledge.
26260	Ninilchik Rock Sill North Daybeacon	60 03.3 151 39.7				NW on pole; worded DANGER SUBMERGED ROCK SILL.	
26265	Ninilchik Rock Sill South Daybeacon					NW on pole; worded DANGER SUBMERGED ROCK SILL 66 YARDS.	
26270	*Lower Cook Inlet Junction Lighted Bell Buoy CI*	60 04.7 152 09.7	**Fl (2+1) G 6^s**		5	Green and red bands.	Maintained from May 1 to Nov. 1.
26275	CHISIK ISLAND LIGHT	60 05.7 152 33.6	**Fl W 4^s**	215	9	NR on square frame.	
	COOK INLET(Northern Part) (Chart 16660,						
	Cook Inlet						
26280	KALGIN ISLAND SOUTH LIGHT	60 20.8 152 04.5	**Fl W 2.5^s**	65	7	NR on square frame.	
26285	HARRIET POINT LIGHT	60 23.7 152 14.4	**Fl W 6^s**	95	9	NR on square frame.	Higher intensity beam up and down channel.
26290	*Kalgin Island West Channel Lighted Bell Buoy 2*	60 26.9 152 06.5	**Fl R 2.5^s**		4	Red.	Maintained from May 1 to Nov. 1
26295	DRIFT RIVER TERMINAL LIGHTS (2)	60 33.2 152 08.1	**F R**	50			HORN: 1 blast ev 20^s (2^s bl). Private aids.
26300	KALGIN ISLAND LIGHT	60 29 151 50.5	**Fl W 4^s**	140	7	NR on square frame.	Obscured from 028° to 142°.
26305	*Kasilof Entrance Channel Lighted Buoy 1*	60 23.4 151 23.4	**Fl G 2.5^s**		5	Green.	Maintained from May 1 to Nov. 1.
26310	KASILOF RIVER CHANNEL LIGHT	60 23.3 151 88.8	**Iso W 6^s**	12	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.
26315	Kasilof Entrance Channel Buoys (8)					Red nun and black can buoys.	Maintained from May 1 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	COOK INLET(Northern Part) (Chart 16660)	N/W					
	Cook Inlet						
	San Christoval Channel						
26320	*Kenai Entrance Channel Lighted Buoy 1KE*	60 31.3 151 20.5	Fl W 4^{s}		6	Black.	Maintained from May 1 to Nov. 1.
26325	KENAI RIVER RANGE FRONT LIGHT	60 33 151 15.8	Q G	40		KRW on double pole structure.	Visible all around; higher intensity on rangeline.
26330	KENAI RIVER RANGE REAR LIGHT 153 yards, 049° from front light.		Iso G 6^{s}	66		KRW on double pole structure.	Visible all around; higher intensity on rangeline.
26335	COLLIER PIER LIGHTS (2)	60 40.4 151 23.4	F R	22			Private aids.
26340	PHILLIPS LNG DOCK LIGHTS (2)	60 40.7 151 23.7	Q R	40			Private aids.
26345	KENAI PIPE LINE COMPANY DOCK SOUTH LIGHT	60 40.9 151 23.7	F R	35		Dolphin.	Visible in southerly direction. Private aid.
26350	KENAI PIPE LINE COMPANY DOCK NORTH LIGHT	60 41.1 151 23.9	F R	35	6	Dolphin.	Visible in northerly direction. Private aid.
26355	EAST FORELAND LIGHT	60 43.2 151 24.3	Fl W 6^{s}	294	7	NR on skeleton tower.	Obscured from 234° to 354°.
26360	East Foreland Buoy 2					Red nun.	Maintained from May 1 to Nov. 1.
26365	NORTH FORELAND DOCK LIGHTS (2)	61 02.6 151 09.7	Fl W 2.5^{s}	13	4		Private aids.
26370	*- Lighted Buoy 3*	60 59.2 150 52.1	Fl G 2.5^{s}		5	Green.	Maintained from May 1 to Nov. 1.
26375	MOOSE POINT LIGHT	60 57.4 150 41	Fl W 4^{s}	15	6	NR on skeleton tower.	
26380	POINT POSSESSION LIGHT	61 02.1 150 24.2	Fl W 6^{s}	60	7	NR on skeleton tower.	
26385	*- Lighted Bell Buoy 5*	61 08.3 150 20.8	Fl G 4^{s}		4	Green.	Maintained from May 1 to Nov. 1.
26390	FIRE ISLAND LIGHT 6	61 07.6 150 16.8	Fl R 4^{s}	15	7	TR on skeleton tower.	
26395	RACE POINT RANGE FRONT LIGHT	61 09.9 150 13.5	Iso W 6^{s}	176		KRW on wood structure.	Visible 4° each side of rangeline.
26400	RACE POINT RANGE REAR LIGHT 1,100 yards, 058°from front light.		FW	252		KRW on wood structure.	Visible 4° each side of rangeline
26405	RACE POINT LIGHT	61 10.1 150 13.4	Fl W 2.5^{s} (R sector)	170	8	NR on skeleton tower.	Red sector from 068° to 037°.
26410	FIRE ISLAND RANGE FRONT LIGHT	61 10.4 150 11.9	Q W	125	10	KRW on pile structure.	Visible 4° each side of rangeline.
26415	FIRE ISLAND RANGE REAR LIGHT 433 yards, 242° from front light.		Iso W 6^{s}	166	12	KRW on pile structure.	Visible 4° each side of rangeline.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	COOK INLET(Northern Part) (Chart 16660)	N/W					
	Cook Inlet						
	San Christoval Channel						
26420	*Knik Arm Shoal Lighted Buoy 7*	61 12.2 150 05.2	Q G		3	Green.	Maintained from May 1 to Nov. 1.
26425	Knik Arm Shoal North Side Buoy 2KA					Red nun.	Maintained from May 1 to to Nov. 1.
26430	POINT WORONZOF LIGHT 10	61 12.3 150 00.8	Fl R 6^s	125	4	TR on small house.	Obscured from 267° to 053°.
26435	POINT WORONZOF RANGE FRONT LIGHT	61 12.2 150 01.2	F G	80	10	KRW on pile structure.	Visible 4° each side of rangeline.
26440	POINT WORONZOF RANGE REAR LIGHT 277 yards, 081.1° from front light		FG	120	10	KRW on pile structure.	Visible 4° each side of rangeline.
26445	POINT MACKENZIE LIGHT 11	61 14.3 149 59.1	Fl G 6^s	80	6	SG on square frame.	Obscured from 106° to 255° and from 258° to 281°.
26450	POINT MACKENZIE RANGE FRONT LIGHT	61 14.4 149 59.3	Q W	95		KRW on skeleton tower.	Visible 5° each side of rangeline.
26455	POINT MACKENZIE RANGE REAR LIGHT 462 yards, 061° from front light.		Iso W 6^s	140		KRW on skeleton tower.	Visible 5° each side of rangeline.
	KODIAK ISLAND (Chart 16580)						
	Marmot Strait						
26460	TONKI CAPE LIGHT	58 21.2 151 59.1	Fl W 4^s	75	8	NR on skeleton tower.	
	Marmot Bay						
26465	PROKODA ISLAND LIGHT 2	57 54.7 152 30.2	Fl R 4^s	40	4	TR on small house.	Higher intensity beam toward 120°. Obscured from 148° to 274°.
26470	Ouzinkie Narrows Daybeacon 4					TR on pile.	
26475	*Entrance Point Shoal Lighted Buoy 5*	57 54.8 152 31.5	Fl G 2.5^s		3	Black.	
26480	Three Brothers Reef Buoy 6					Red nun.	
26485	Low Island Reef Buoy 7					Green can.	
26490	THREE BROTHERS LIGHT 8	57 55.5 152 33.1	Fl R 4^s	32	3	TR on skeleton tower on concrete pier.	
26495	SHAKMANOF POINT LIGHT	57 55.6 152 35.2	Fl W 6^s	60	6	NR on skeleton tower.	
	Afognak Bay						
26500	Skipwith Reefs Buoy 2	58 00.7 152 39.2				Red nun.	
26505	HOG ISLAND LIGHT	58 00.2 152 41.2	Fl W 4^s (R sector)	40	7	NR on skeleton tower.	Red sector from 024° to 242°. **Obscured from 088° to 188°.**

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		ALASKA – SEVENTEENTH DISTRICT					
		N/W					
	KODIAK ISLAND (Chart 16580)						
	Afognak Bay						
	San Christoval Channel						
26510	ILKOGNAK ROCK LIGHT 1	57 54.9 152 46.9	**Fl G** 4^s	18	5	SG on skeleton tower.	Higher intensity beam toward 078°.
	Whale Passage						
26515	Yuzhni Point Buoy 2					Red nun.	
26520	– Daybeacon 4					TR on pipe.	
26525	KONIUJI ISLAND LIGHT 5	57 55.8 152 50.2	**Fl G** 2.5^s	70	4	SG on skeleton tower.	Higher intensity beam toward 296.5°
26530	Settlers Cove Daybeacon 1	57 52.4 152 51.4				SG on pile.	
26535	SETTLER COVE BREAKWATER LIGHT 2	57 52.4 152 51.7	**Fl R** 2.5^s	24	5	TR on single pile.	
26540	*Port Wakefield Lighted Buoy 2*	57 51.6 152 51.4	**Fl R** 4^s		6	Red.	
	Kodiak North Entrance						
26545	*Williams Reef Lighted Whistle Buoy 1*		**Fl G** 4^s		5	Black.	
26550	– *Channel Lighted Whistle Buoy 3*	57 50.9 152 13.6	**Fl G** 6^s		4	Green.	
26555	*Hutchinson Reef Lighted Whistle Buoy 4*		**Fl R** 4^s		4	Red.	
26560	HANIN ROCK LIGHT	57 50.1 152 18.7	**IQ W**	43	6	White cylindrical house.	
26565	– *Channel Lighted Whistle Buoy 5*	57 49.4 152 17.9	**Fl G** 2.5^s		4	Green.	
26570	– *Channel Lighted Whistle Buoy 7*		**Fl G** 4^s		4	Black.	
26575	– *Channel Lighted Buoy 8*	57 48.8 152 19.4	**Fl R** 2.5^s		4	Red.	
26580	**Spruce Cape Light**	57 49.4 152 19.4	**Fl W** 10^s	40	18	NR on skeleton tower.	
26585	– *Channel Lighted Buoy 10*	57 48.2 152 20.6	**Fl R** 6^s		4	Red.	
26590	WOODY ISLAND LIGHT	57 47.8 152 20.2	**Fl W** 6^s	50	5	NR on square frame.	Obscured from 228° to 040°.
26595	– Channel Buoy 11					Black can.	
26600	– *Channel Lighted Bell Buoy KH*	57 47.8 152 21.4	**Fl (2+1) R** 6^s		5	Red and green bands.	
26605	– Channel Buoy 13					Green can.	
26610	*Cyane Rock Lighted Bell Buoy 15*	57 47.5 152 23.1	**Q G**		4	Black.	
26615	KODIAK FERRY DOCK LIGHTS (2)	57 47.2 152 24	**F R**	18		Pedestal.	Private aids.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
		N/W					
	KODIAK ISLAND (Chart 16580)						
	Kodiak North Entrance						
	San Christoval Channel						
26620	Kodiak Harbor Entrance Daybeacon 16	57 47.1 152 24.4				TR on pile.	
26625	KODIAK BOAT HARBOR LIGHT 2	57 47.2 152 24.4	**Fl R** 4^s	15	5	TR on skeleton tower.	
26630	KODIAK BOAT HARBOR LIGHT 1	57 47.1 152 24.5	**Fl G** 4^s	18	5	SG on skeleton tower.	
	DOG BAY						
26635	- North Entrance Daybeacon 1	57 47 152 24.4				SG on pole.	
26640	- NORTH ENTRANCE LIGHT 2	57 47 152 24.4	**Fl R** 6^s	17	2	TR on skeleton tower.	
	Woody Island						
26645	- *Channel Lighted Buoy 2*	57 47.2 152 21.6	**Fl R** 2.5^s		3	Red.	
26650	- Channel Buoy 3					Green can.	
26655	- Channel Buoy 4					Red nun.	
26660	- *Channel Lighted Buoy 5*	57 45.6 152 22.2	**Fl G** 6^s		4	Black.	
26665	- Channel Buoy 6					Red nun.	
	St. Paul Harbor						
26670	*Corps of Engineers Research Lighted Buoy 1*	57 43.2 152 23.1	**Fl (5) Y** 20^s			Orange and white stripes.	Maintained by U.S. Army.
26675	- *Entrance Midchannel Lighted Whistle Buoy SP*	57 44.1 152 24.2	**Mo (A) W**		5	Red and white stripes.	
26680	- **Entrance Light**	**57 44.4** 152 25.7	**Fl W** 5^s	38	13	NR on skeleton tower.	
26685	- *Entrance Channel Lighted Bell Buoy 2*		**Fl R** 4^s		4	Red.	
26690	- *Entrance Lighted Whistle Buoy 3*	*57 44.5* *152 25.4*	**Fl G** 2.5^s		3	Black.	
26695	- Entrance Channel Buoy 5					Green can.	
26700	- *Entrance Channel Lighted Bell Buoy 6*		**Q R**		3	Red.	
26705	- *Entrance Channel Lighted Buoy 7*		**Fl G** 2.5^s		3	Black.	
26710	*Corps of Engineers Research Lighted Buoy 2*	57 46.2 152 25.6	**Fl (5) Y** 20^s			Orange and white stripes.	Maintained by U.S. Army.
26715	*Gull Island Rocks Lighted Buoy 8*		**Fl R** 6^s		4	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	KODIAK ISLAND (Chart 16580)	N/W					
	St. Paul Harbor						
	San Christoval Channel						
26720	*Gull Island Lighted Obstruction Buoy GI*	57 46.8 152 25.9	**IQ W**		5	Black and red bands.	
26725	– SOUTH ENTRANCE LIGHT 4	57 46.7 152 24.8	**Fl R** 2.5^s	8	4	TR on multi-pile structure.	
	Dog Bay						
26730	– South Approach Buoy 1	57 46.5 152 25.2				Black can.	
26735	– South Entrance Daybeacon 3	57 46.7 152 24.8				SG on pile.	
	ST Paul Harbor						
26740	CONTAINER TERMINAL PIER 3 LIGHTS (6)	57 46.9 152 26	**F R**	17			Private aids.
26745	KODIAK CITY DOCK PIER 2 LIGHTS	57 47.1 152 25.4	**F R**	16		On pedestal.	Private aids.
26750	UNION OIL COMPANY PIER LIGHTS (2)	57 47.1 152 25.2	**F G**	16		Dolphins.	Private aids.
26755	*Gull Island Lighted Buoy 10*	57 46.9 152 25.1	**Fl R** 2.5^s		3	Red.	
26760	– Buoy 11					Black can.	
	Womens Bay						
26765	WOMENS BAY FRONT RANGE LIGHT	57 43.4 152 28.7	**Q W**	43		KRB on skeleton tower.	
26770	WOMENS BAY REAR RANGE LIGHT 630 yards, 211.5° from front light.		**Oc W** 4^s	90		KRB on skeleton tower.	
26775	– *Entrance Channel Lighted Bell Buoy 1*		**Fl G** 4^s		4	Black.	
26780	– Entrance Channel Buoy 2					Red nun.	
26785	– *Entrance Channel Lighted Bell Buoy 3*		**Fl G** 2.5^s		4	Black.	
26790	– Entrance Channel Buoy 5					Black can.	
26795	– *Entrance Channel Lighted Buoy 6*		**Fl R** 2.5^s		4	Red.	
26800	– *Entrance Channel Lighted Bell Buoy 7*		**Fl G** 4^s		4	Green.	
26805	– *Entrance Channel Lighted Buoy 8*		**Fl R** 4^s		3	Red.	
26810	– Entrance Channel Buoy 9					Green can.	
26815	– *Entrance Channel Lighted Buoy 11*		**Fl G** 6^s		4	Black.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – SEVENTEENTH DISTRICT				
	KODIAK ISLAND (Chart 16580)	N/W					
	Womens Bay						
	San Christoval Channel						
26820	– Entrance Channel Buoy 12					Red nun.	
26825	*– Entrance Channel Lighted Buoy 13*		**Q G**		3	Black.	
26830	*– Entrance Channel Lighted Buoy 14*		**Q R**		3	Red.	
26835	*– Lighted Buoy 16*		**Fl R** 4^{s}		3	Red.	
26840	– Buoy 18					Red nun.	
26845	– Middle Shoal Buoy 19	57 43.9 152 31				Black can.	
	Chiniak Bay						
26850	*Humpback Rock Lighted Whistle Buoy 1*	57 42.9 152 14.1	**Fl W** 4^{s}		6	Black.	
	Sitkalidak Strait						
26855	TABLE ISLAND LIGHT	57 11.4 152 55.1	**Fl W** 4^{s}	106	7	NR on small house.	
26860	NUT ISLAND LIGHT N	57 12.3 153 09.5	**IQ R**	40	3	JR on steel square frame.	
26865	BUSH POINT LIGHT 2	57 13.2 153 12.9	**Fl R** 4^{s}	17	5	TR on steel skeleton tower.	
26870	*Sheep Island Lighted Buoy 3*		**Fl G** 2.5^{s}		3	Green.	
26875	SITKALIDAK PASSAGE LIGHT 4	57 12.6 153 16.4	**Fl R** 6^{s}	30	4	TR on steel skeleton tower.	
	Old Harbor						
26880	– Daybeacon 2			15		TR on pile.	
26885	– Daybeacon 3			15		SG on pile.	
26890	– Daybeacon 4			15		TR on pole.	
	Geese Channel						
26895	*– Lighted Gong Buoy 1*		**Fl G** 2.5^{s}		4	Black.	
26900	– Buoy 3					Black can.	
26905	*– Lighted Bell Buoy 4*		**Fl R** 4^{s}		3	Red.	
26910	AIAKTALIK ISLAND LIGHT 5	56 43.9 154 02.9	**Fl G** 6^{s}	57	5	SG on square frame.	
	Sitkinak Strait						
26915	WHIRLPOOL POINT LIGHT	56 37 154 05.5	**Fl W** 2.5^{s}	51	8	NR on small house on skeleton tower.	
	Alitak Bay						
26920	CAPE ALITAK LIGHT	56 50.6 154 18.3	**Fl W** 6^{s}	63	7	NR on small house.	Obscured from 190° to 263°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	KODIAK ISLAND (Chart 16580)						
	Alitak Bay						
	San Christoval Channel						
26925	LAZY BAY LIGHT 2	56 53.5 154 12.9	Fl R 4^{s}	25	6	TR on steel skeleton tower.	
26930	– Akhoik Reef Buoy 1	56 54.8 154 07.7				Green can.	
26935	MOSER BAY LIGHT 2	56 58.4 154 06.3	Fl R 6^{s}	22	5	TR on steel skeleton tower.	
26940	Moser Bay Buoy 3					Green can.	
26945	Moser Bay Buoy 4					Red nun.	
	Shelikof Strait						
26950	CAPE UYAK LIGHT	57 38.4 154 20.9	Fl W 6^{s}	93	7	NR on small house.	Obscured from 269° to 039°.
26955	Wolcott Reef Buoy					Red and black bands; nun.	
	Uyak Bay						
26960	HARVESTER ISLAND SPIT LIGHT 2	57 38.3 153 59.5	Fl R 4^{s}	22	3	TR on square frame on dolphin.	
	Uganik Bay						
26965	*Larsen Bay Entrance Rock Lighted Buoy 1*	57 32.7 153 58.5	Fl G 2.5^{s}		5	Green.	
26970	Larsen Bay Buoy 2					Red nun.	
26975	Larsen Bay Buoy 3					Black can.	
26980	LARSEN BAY RANGE FRONT LIGHT	57 32.8 154 00.1	Q W	35	4	KRG on skeleton tower.	
26985	LARSEN BAY RANGE REAR LIGHT 140 yards, 291°30′ from front light.		Iso W 6^{s}	45	4	KRG on skeleton tower.	
26990	Amook Island Rock Buoy 1					Green can.	
26995	NOISY ISLANDS LIGHT	57 56 153 33.6	Fl W 6^{s}	80	7	NR on skeleton tower.	Obscured from 223° to 328°.
27000	NORTHEAST ARM LIGHT 1	57 47.1 153 27.1	Fl W 6^{s}	55	7	SG on small house on concrete foundation.	Obscured from 139° to 282°30′.
27005	STARR POINT LIGHT 3	57 45.4 153 22	Fl W 4^{s}	30	5	SG on skeleton tower.	
	Kupreanof Strait						
27010	MALINA POINT LIGHT 8	58 02.4 153 21.8	Fl R 2.5^{s}	80	7	TR on small house.	Higher intensity beam toward 110°.
27015	– Obstruction Buoy K					Black and red bands; can.	
27020	DRY SPRUCE BAY ENTRANCE LIGHT 1	57 57.4 153 06.1	Fl G 6^{s}	76	5	SG on skeleton tower.	
27025	DRY SPRUCE ISLAND ROCK LIGHT 7	57 57.9 153 04.1	Fl G 4^{s}	30	5	SG on pole.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	KODIAK ISLAND (Chart 16580)	N/W					
	Kupreanof Strait						
	San Christoval Channel						
27030	LAST TIMBER POINT LIGHT 6	57 58.7 152 58.9	Fl R 4^s	35	4	TR on small house.	
	Raspberry Strait						
27035	- LIGHT	58 09.6 153 13.3	Fl W 6^s	50	7	NR on small house.	
27040	DOLPHIN POINT LIGHT 3	58 06.4 153 08.9	Fl G 4^s	17	3	SG on small house.	
27045	LATAX ROCKS LIGHT	58 41.4 152 28.9	Fl W 4^s	40	8	NR on pile.	
	Shuyak Strait						
27050	ALLIGATOR ISLAND LIGHT	58 28.5 152 47.1	Fl W 6^s	70	7	NR on small house.	
27055	LIGHTHOUSE POINT LIGHT 2	58 29 152 39	Fl R 4^s	60	5	TR on small house.	Obscured from 285° to 073°30′.
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
	Alaska Peninsula						
27060	CHIGNIK SPIT LIGHT	56 18.6 158 22.9	Fl W 4^s	35	6	NR on skeleton tower.	Obscured west of 238°.
27065	CAPE WEDGE LIGHT	55 17.5 159 52.8	Fl W 6^s	60	7	On square frame.	Obscured from 290° to 072°.
27070	ANDRONICA ISLAND LIGHT	55 20.8 160 03.6	Fl W 4^s	115	7	On square frame.	Obscured from 275° to 291°30′ and from 317° to 078°.
27075	PIRATE COVE LIGHT	55 21.8 160 21.6	Fl W 6^s	85	6	NR on square frame.	
27080	POPOF STRAIT ENTRANCE LIGHT 1	55 21.4 160 30.3	Fl G 4^s	50	6	SG on skeleton tower.	
27085	*Popof Strait Lighted Bell Buoy 3*		Fl G 6^s		4	Black.	
27090	*Unga Reef Lighted Buoy 4*		Fl R 4^s		3	Red.	
27095	*Popof Reef Lighted Bell Buoy 5*		Fl G 2.5^s		3	Green.	
27100	SAND POINT DOCK LIGHT	55 19.9 160 30.1	Fl R 10^s	10	3		Private aid.
27105	HUMBOLT HARBOR BREAKWATER LIGHT 2	55 20 160 30.1	Fl R 2.5^s	24	2	TR on pile.	
27110	HUMBOLDT HARBOR BREAKWATER LIGHT 3	55 20 160 29.9	Fl G 6^s	24	3	SG on pile.	
27115	SAND POINT LIGHT 7	55 19.2 160 31.6	Fl G 4^s	20	4	SG on skeleton tower.	Obscured from 232° to 332°.
27120	BARALOF BAY LIGHT	55 14.5 160 32.1	Fl W 4^s	60	5	NR on skeleton tower.	Obscured from 089° to 222°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

ALASKA - SEVENTEENTH DISTRICT

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)	N/W					
	Alaska Peninsula						
	San Christoval Channel						
27125	UNGA SPIT LIGHT	55 24.5 160 43.5	Fl W 6s	40	7	NR on small house on skeleton tower.	Obscured from 280°30′ to 060°.
27130	SEAL CAPE LIGHT	55 21 161 15.1	Fl W 4s	75	6	NR on skeleton tower.	Obscured from 172° to 235°.
27135	UKOLNOI ISLAND LIGHT	55 14.7 161 39.5	Fl W 6s	35	6	NR on steel square frame.	Obscured from 238° to 052°.
27140	*Bluff Point Shoal Lighted Gong Buoy 1*		Fl G 2.5s		3	Green.	
	Shumagin Islands						
27145	ARCH POINT LIGHT 2	55 12.4 161 54.3	Fl R 4s	78	5	TR on steel skeleton tower.	Obscured from 105° to 213°.
27150	*Moss Cape Lighted Buoy 4*	55 07.1 161 56.2	Fl R 6s		3	Red.	
27155	GOLOI SANDSPIT LIGHT 3	55 06.7 161 55.4	Fl G 4s	17	6	SG on steel skeleton tower.	Obscured from 229° to 328°.
27160	*Iliasik Passage Lighted Buoy 5*	55 01.8 161 55.2	Fl G 2.5s		5	Green.	
27165	Iliasik Passage Buoy 6	55 02.1 161 55.9				Red nun.	
27170	ILIASIK ISLANDS LIGHT	55 02.3 161 56.2	Fl W 6s	95	7	NR on steel square frame.	Obscured from 120°30′ to 254°.
27175	BELKOFSKI LIGHT	55 04.4 162 03.1	Fl W 4s	49	7	NR on steel square frame.	Obscured from 089° to 224°.
27180	STAG POINT LIGHT	54 59.2 162 17.9	Fl W 4s	23	5	NR on skeleton tower.	
27185	KING COVE HARBOR ENTRANCE LIGHT 1	55 03.6 162 19.3	Fl G 2.5s	25	3	SG on pile.	
27190	KING COVE HARBOR ENTRANCE LIGHT 2	55 03.6 162 19.3	Fl R 6s	23	3	TR on pile.	
27195	MORGAN POINT LIGHT	55 02.5 162 20.1	Fl W 4s	120	6	NR on steel square frame.	Obscured from 039° to 206°.
	Cold Bay						
27200	*- Channel Lighted Buoy 1*	55 05.5 162 31.8	Fl G 4s		3	Black.	
27205	KASLOKAN POINT LIGHT 2	55 06.4 162 31.5	Fl R 4s	15	5	TR on steel square frame.	Obscured rom 193° to 336°.
27210	*- Channel Lighted Buoy 3*	55 06.7 162 31.9	Fl G 2.5s		3	Green.	
27215	- Channel Buoy 4	55 07.2 162 31.5				Red nun.	
27220	DELTA POINT LIGHT	55 11.6 162 38.5	Fl W 4s	48	6	NR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)	N/W					
	Cold Bay						
	San Cristoval Channel						
27225	COLD BAY AERO DOCK LIGHTS (2)	55 12.5 162 41.5	**Fl R 6^s**	17	3	Dolphins.	Private aids.
27230	FOX ISLAND LIGHT	54 57.4 162 26.9	**Fl W 6^s**	40	6	NR on small house.	Obscured from 280° to 021°.
27235	West Cape Shoal Buoy 1WC					Green can.	
27240	*Thin Point Lighted Whistle Buoy 2TP*	54 55 162 32.3	**Fl R 6^s**		4	Red.	
27245	UMGA ISLAND LIGHT	54 48.1 162 43.4	**Fl W 4^s**	258	6	On steel square frame.	
	Bechevin Bay						
	Channel should be navigated with caution due to shifting shoals.						
27250	– *Entrance Lighted Bell Buoy BB*	55 06.3 163 27.9	**Mo (A) W**		6	Black and white stripes.	
27255	– Buoy 1	55 05.7 163 27.9				Green can.	
27260	– Buoy 2	55 05.7 163 28.1				Red nun.	
27265	– Buoy 3	55 04.7 163 27.6				Green can.	
27270	– Buoy 4	55 04.7 163 27.7				Red nun.	
27275	– Buoy 5	55 04.1 163 26.4				Green can.	
27280	– Buoy 6	55 03.9 163 26.5				Red nun.	
27285	CAPE KRENITZIN LIGHT 7	55 03.8 163 25.3	**Fl G 6^s**	30	5	SG on skeleton tower.	Ra ref.
27290	– Buoy 8					Red nun.	
27295	– Buoy 10					Red nun.	
27300	CHUNAK POINT LIGHT 2CP	55 02.5 163 28	**Fl R 4^s**		6	TR on skeleton tower.	
27305	– Buoy 11					Green can.	
27310	– Buoy 14					Red nun.	
27315	– Buoy 15					Green can.	
27320	– Buoy 16					Red nun.	
27325	ROCKY POINT LIGHT 6RP	54 58.3 163 26.4	**Fl R 6^s**	52	6	TR on skeleton tower.	
27330	– Buoy 17					Green can.	
27335	– Buoy 18					Red nun.	
27340	– Buoy 19					Green can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)	N/W					
	Bechevin Bay						
	San Christoval Channel						
27345	St Catherine Cove Daybeacon 4SC	54 59.9 163 29.3				TR on pipe frame.	Use only with local knowledge.
27350	– Buoy 20					Red nun.	
27355	– Buoy 21					Green can.	
27360	– Buoy 22					Red nun.	
27365	– Buoy 23					Green can.	
27370	– Buoy 24					Red nun.	
27375	– Buoy 25					Green can.	
27380	– Buoy 26					Red nun.	
27385	– Buoy 27					Green can.	
27390	– Buoy 28					Red nun.	
27395	– *Lighted Buoy 29*	54 56.9 163 21.5	Fl G 4^{s}		4	Green.	
27400	– Buoy 30					Red nun.	
27405	ISANOTSKI STRAIT LIGHT 8	54 51.4 163 23.4	Fl R 6^{s}	21	5	TR on skeleton tower.	
27410	ISANOTSKI STRAIT LIGHT 5	54 49.5 163 22.4	Fl G 6^{s}	14	3	SG on skeleton tower.	
27415	ISANOTSKI STRAIT LIGHT 4	54 49 163 21.6	Fl R 4^{s}	15	4	TR on square frame.	Obscured from 174° to 323°.
27420	IKATAN BAY LIGHT 3	54 47 163 21.8	Fl G 4^{s}	78	5	SG on skeleton tower.	
27425	IKATAN BAYA LIGHT 1	54 46.6 163 10.9	Fl G 6^{s}	81	6	SG on skeleton tower.	
27430	– Buoy 22					Red nun.	
	Krenitzin Islands						
27435	AKUN STRAIT LIGHT	54 08 165 39.7	Fl W 4^{s}	46	5	NR on skeleton tower.	
27440	AKUTAN POINT LIGHT 2	54 08.7 165 43.6	Fl R 6^{s}	163	5	TR on skeleton tower.	
27445	*Corps of Engineers Lighted Buoy 2*	54 07.8 165 48.1	Fl (5) Y 20^{s}			Yellow sphere.	Maintained by U.S. Army.
27450	ULAKTA HEAD LIGHT	53 55.5 166 30.4	Fl W 4^{s}	61	5	NR on skeleton tower.	Obscured from 331° to 122°.
27455	*Iliuliuk Bay Entrance Lighted Bell Buoy 2*		Fl R 4^{s}		4	Red.	
27460	SPITHEAD LIGHT 4	53 53.9 166 30.8	Fl W 4^{s}	38	5	TR on skeleton tower.	Obscured in Unalaska Bay when less than 215°30'.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			ALASKA – SEVENTEENTH DISTRICT				
		N/W					
	ALASKA PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
	Unalaska Island						
	San Christoval Channel						
27465	*Rocky Point Shoal Lighted Buoy RP*	53 53.5 166 31.2	**IQ G**		3	Black and red bands.	
27470	*Unalaska Channel Lighted Buoy 5*	53 52.6 166 32	**Fl G** 2.5^{s}		4	Black.	
27475	*Iliuliuk Reef Lighted Buoy 6*		**Fl R** 4^{s}		4	Red.	
	Iliuliuk Harbor						
27480	– Entrance Buoy 8					Red nun.	
27485	– South Channel Buoy 10	53 52.6 166 32.7				Red nun.	
27490	– South Channel Buoy 11					Black can.	
27495	– South Channel Buoy 12					Red nun.	
27500	– South Channel Buoy 13					Black can.	
	Captains Bay						
27505	Bailey Ledge Daybeacon	53 51.6 166 33.4				Red and white checked square daymark on pile.	
	Chernofski Harbor						
27510	– ENTRANCE LIGHT 1	53 24.9 167 33.2	**Fl W** 6^{s}	105	6	SG on skeleton tower.	Obscured from 268° to 314°.
	ALEUTIAN ISLANDS (Chart 16012)						
	Adak Island						
27515	*Kuluk Shoal Lighted Bell Buoy 2*	51 54.8 176 30.5	**Fl R** 6^{s}		4	Red.	
27520	*Finger Shoal Lighted Bell Buoy 3*	51 51.8 176 33.9	**Fl G** 2.5^{s}		4	Green.	
27525	GANNET ROCKS LIGHT 4	51 52.1 176 36.4	**Fl R** 4^{s}	45	4	TR on skeleton tower.	Obscured from 102° to 214°.
27530	SWEEPER COVE ENTRANCE LIGHT 5	51 51.5 176 35.3	**Fl G** 6^{s}	55	5	SG on steel structure.	
27535	SWEEPER COVE JETTY LIGHT 6	51 51.7 176 37.6	**Fl R** 6^{s}	16	3	TR on column.	
27540	SWEEPER COVE LIGHT 7	51 51.3 176 37.6	**Fl G** 4^{s}	75	3	SG on steel structure.	
27545	SWEEPER COVE SMALL BOAT BASIN LIGHT 2		**Fl R** 6^{s}	16	3	TR on single pole.	
	ALASKAN PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
	Bristol Bay						
	The Alaska Department of Fish and Game maintains about twelve unlisted lighted buoys in or near Ugashik, Egegik, Kvichak and Nushasak Bays during the fishing season about June 5 to Aug. 15. These buoys, which are orange and white banded cans showing quick flashing white lights, do not have navigational significance						
27550	Nelson Lagoon Buoy 2	56 02.2 161 04.1				Red nun.	Maintained from May 1 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
		N/W					
	ALASKAN PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
	Bristol Bay						
	San Christoval Channel						
27555	NELSON LAGOON LIGHT 4	56 00.9 161 06.7	Fl W 2.5s	30	6	TR on skeleton tower.	
27560	WALRUS ISLAND LIGHT	56 01.8 160 49.7	Fl W 4s	19	7	NR on skeleton tower.	
	Port Moller						
27565	- Entrance Buoy 2	56 00 160 39				Red nun.	Maintained from May 1 to Sept. 30.
27570	- Entrance Buoy 3					Black can.	Maintained from May 1 to Sept. 30.
27575	- LIGHT 5	55 58.6 160 34.6	Fl G 2.5s	18	4	SG on steel tower.	
27580	HARBOR SPIT LIGHT	55 54.9 160 34.6	Fl W 6s	24	7	NR on skeleton tower.	High intensity beam directed toward 332°. Maintained from May 1 to Sept. 30.
	Hague Channel						
27585	- Buoy 4					Red nun.	
27590	- Buoy 5					Black can.	
27595	- Buoy 6					Red nun.	
27600	- Buoy 7					Black can.	
27605	- Buoy 8					Red nun.	
27610	- Buoy 9					Black can.	
27615	- Buoy 10					Red nun.	
27620	- Buoy 11					Black can.	
27625	- Buoy 12					Red nun.	
27630	- Buoy 13					Black can.	
27635	- Buoy 14					Red nun.	
27640	- Buoy 15					Black can.	
27645	- Buoy 17					Black can.	
	Herendeen Bay						
	Johnston Channel						
27650	- Buoy 1	55 53.2 160 48.5				Black can.	
27655	- Buoy 2					Red nun.	
27660	- Buoy 3					Black can.	
27665	- Buoy 4					Red nun.	
27670	- Buoy 5					Black can.	
27675	- Buoy 6					Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
		N/W					
	ALASKAN PENINSULA AND ALEUTIAN ISLANDS (Chart 16011)						
	Herendeen Bay						
	Johnston Channel						
27680	– Buoy 7					Black can.	
27685	– Buoy 8					Red nun.	
27690	– Buoy 9					Black can.	
27695	– Buoy 10					Red nun.	
27700	– Buoy 11					Black can.	
27705	– Buoy 12					Red nun.	
27710	– Buoy 13					Black can.	
27715	– Buoy 14					Red nun.	
27720	– Buoy 15					Black can.	
27725	– Buoy 16					Red nun.	
27730	– Buoy 17					Black can.	
27735	– Buoy 18					Red nun.	
27740	– Buoy 19					Black can.	
27745	– Buoy 20					Red nun.	
27750	Crow Reef Buoy CR	55 45.6 160 43.4				Black and red bands.	
	BERING SEA (Eastern Part) (Chart 16006)						
	Bristol Bay						
27755	*Ugashik River Entrance Lighted Bell Buoy UR*	57 37.5 157 52.1	**Mo (A) W**		6	Black and white stripes.	Maintained from May 1 to Sept. 30.
27760	SMOKY POINT LIGHT	57 37.5 157 41.5	**Fl W** 4^{s}	40	6	NR on skeleton tower.	
	Kvichak Bay						
27765	*Egegik Entrance Lighted Bell Buoy 1*	58 15.5 157 42	**Fl W** 2.5^{s}		6	Black.	Maintained from May 1 to Sept. 30.
27770	RED BLUFF LIGHT	58 14.2 157 29	**Fl W** 6^{s}	96	6	NR on square frame.	
27775	MIDDLE BLUFF LIGHT	58 24.4 157 31.5	**Fl W** 4^{s}	165	6	NR on skeleton tower.	
27780	NAKNEK LIGHT	58 42.5 157 04.8	**Fl W** 4^{s}	78	7	NR on small house.	
27785	NAKNEK ENTRANCE LIGHT	58 43.3 157 02.6	**Fl W** 6^{s}	104	6	NR on small house.	
27790	THE BEND LIGHT	58 49.8 157 00.3	**Fl R** 4^{s}	30	5	NR on skeleton tower.	
27795	GRAVEYARD POINT LIGHT	58 52.1 157 00.8	**Fl W** 4^{s}	40	6	NR on skeleton tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	BERING SEA (Eastern Part) (Chart 16006)	N/W					
	Kvichak Bay						
27800	DUCK CREEK LIGHT	58 57.3 157 01.7	**Fl W** 6^{s}	48	6	NR on square frame.	
	Nusagak Bay						
27805	– *Entrance Lighted Bell Buoy 2*	58 33.7 158 24.2	**Fl W** 6^{s}		6	Red.	Maintained from May 1 to Sept. 30.
27810	EKUK RANGE FRONT LIGHT	58 48 158 33.1	**Q W**	20		KRW on skeleton tower.	Visible all around, higher intensity on rangeline.
27815	EKUK RANGE REAR LIGHT 1,000 feet, 341° from front light.		**Iso W** 6^{s}	42		KRW on skeleton tower.	Visible all around; higher intensity on rangeline.
27820	IGUSHIK RIVER LIGHT 1	58 40.4 158 51	**Fl W** 4^{s}	74	7	SG on frame structure.	
	Kuskokwim Bay						
27825	– Buoy 1					Black can.	Maintained from June 15 to Sept. 30.
27830	– Buoy 2					Red nun.	Maintained from June 15 to Sept. 30.
27835	– *Lighted Buoy 4*	59 18.8 162 18.8	**Fl R** 6^{s}		4	Red.	Maintained from June 15 to Sept. 30.
27840	– Buoy 5					Green can.	Maintained from June 15 to Sept. 30.
27845	– *Lighted Bell Buoy 6*	59 34.7 162 16	**Fl W** 2.5^{s}		6	Red.	Maintained from June 15 to Sept. 30.
27850	– *Lighted Buoy 7*	59 38.2 162 19.9	**Fl W** 6^{s}		6	Black.	Maintained from June 15 to Sept. 30.
27855	Kuskokwim River Buoys (about 30)					Red and green oil drums.	Maintained from June 1 to Oct. 1.
27860	YUKON RIVER SOUTH ENTRANCE LIGHT	62 32.3 165 01.1	**Fl W** 6^{s}	20	6	NG on skeleton tower.	Maintained from July 15 to Nov. 1.
27865	KWIGUK PASS ENTRANCE LIGHT	62 47.4 164 51.8	**Fl W** 2.5^{s}	18	4	NG on skeleton tower.	Maintained from July 15 to Nov. 1.
27870	YUKON RIVER MIDDLE ENTRANCE LIGHT	62 04.6 165 37.6	**Fl W** 4^{s}	18	6	NG on skeleton tower.	Obscured from 176° to 266°. Maintained from July 15 to Nov. 1.
27875	YUKON RIVER NORTH ENTRANCE LIGHT	63 02.5 163 23	**Fl W** 6^{s}	19	5	NG on skeleton tower.	Obscured from 286° to 161°. Maintained from July 15 to Nov. 1.
	Hooper Bay						
27880	– Spit Daybeacon	61 30.1 166 05				NR on white slatted tripod.	
27885	– Buoy 1					Green oil drum.	Maintained from June 1 to Aug. 1. Private aid.
27890	– Channel Stakes (about 12)						Maintained from June 1 to Aug. 1. Private aid. Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA – SEVENTEENTH DISTRICT						
	BERING SEA (Eastern Part) (Chart 16006)	N/W					
	Norton Sound						
27895	POINT ROMANOF LIGHT	63 12 162 50	Fl W 6^{s}	25	7	NR on steel tower.	Maintained from July 15 to Nov. 1.
27900	CAPE STEPHENS LIGHT	63 32.7 162 18	Fl W 4^{s}	200	6	NR on small house.	Maintained from July 15 to Nov. 1.
27905	WHALE ISLAND LIGHT	63 29.5 161 59.7	Fl W 4^{s}	45	6	NR on small house.	Maintained from July 15 to Nov. 1.
27910	EGG ISLAND LIGHT	63 36 161 43.2	Fl W 6^{s}	90	6	NR on small house.	Maintained from July 15 to Nov. 1.
27915	Unalakleet River Buoy (about 6)					Red nuns or green cans.	Maintained from May 1 to Nov. 1.
27920	UNALAKLEET RIVER SOUTH SPIT LIGHT	63 52.1 160 47	Fl W 4^{s}	15	6	NR on skeleton tower.	Maintained from May 1 to Nov. 1.
27925	SHAKTOOLIK RIVER ENTRANCE LIGHT	64 22.8 161 14	Fl W 4^{s}	14	6	NR on skeleton tower.	Maintained from July 15 to Nov. 1.
27930	Koyuk River Entrance Buoys (about 12)					Red or green oil drums.	Maintained from July 1 to Oct. 1.
	Golovnin Bay						
27935	CAPE DARBY LIGHT	64 20 162 48	Fl W 4^{s}	105	7	NR on small white house.	Obscured from 160° to 323°. Maintained from July 15 to Nov. 1.
27940	GOLOVNIN BAY LIGHT 2	64 27.1 162 52.5	Fl R 4^{s}	55	5	TR on small house.	Maintained from July 15 to Nov. 1.
27945	– LIGHT 4	64 31.3 162 55	Fl R 6^{s}	100	5	TR on small house.	Higher intensity beam toward 189° 11 miles. Maintained from July 15 to Nov. 1.
27950	CHEENIK LIGHT 6	64 32.5 163 02.7	Fl R 2.5^{s}	14	4	TR on steel skeleton tower.	Maintained from July 15 to Nov. 1.
27955	ROCKY POINT LIGHT	64 24 163 09	Fl W 2.5^{s}	175	6	NR on small house.	Maintained from July 15 to Nov. 1.
	Nome Harbor						
27960	– EAST JETTY LIGHT		Fl R 4^{s}	18	3	10 foot pole.	Maintained from July 15 to Nov. 15.
27965	– WEST JETTY LIGHT		Fl W 4^{s}	18	5	10 foot pole.	Maintained from July 15 to Nov. 15.
27970	– RANGE FRONT LIGHT	64 30 165 24.8	Q G	14		KRW on skeleton tower.	Maintained from July 15 to Nov. 15.
27975	– RANGE REAR LIGHT 52 yards 009° from front light.		Iso G 6^{s}	30		KRW on wooden tower.	Maintained from July 15 to Nov. 1.
	Grantley Harbor						
27980	– LIGHT	65 16.7 166 20.8	Fl W 4^{s}	15	6	NR on small house.	Maintained from July 15 to Nov. 1.
	CAPE PRINCE OF WALES TO PT. BARROW (Chart 16005)						
	Kotzebue Sound						
27985	CAPE ESPENBERG LIGHT	66 34 163 36	Fl W 2.5^{s}	25	6	NR on square frame.	Maintained from July 15 to Nov. 1.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	ALASKA - SEVENTEENTH DISTRICT						
	CAPE PRINCE OF WALES TO PT. BARROW (Chart 16005)	N/W					
	Kotzebue Sound						
27990	Kotzebue Buoys (about 8)					Red nuns or green cans.	Maintained from July 1 to Sept. 20.
27995	CAPE DECEIT LIGHT	66 06 162 45	**Fl W 6^s**	190	6	NR on small house.	Maintained from July 15 to Nov. 1.
28000	RILEY CHANNEL ENTRANCE LIGHT	66 47 161 52.3	**Fl W 6^s**	17	4	NR on skeleton tower.	Maintained from July 15 to Nov. 2.
28005	*NOAA Data Lighted Buoy 51004*	17 31.9 152 37.1	**Fl (4) Y 20^s**			Yellow boat shaped buoy.	
	HAWAII - Fourteenth District						
	ISLAND OF HAWAII (Chart 19320)						
28010	**Kauhola Point Light**	20 15 155 46.5	**Fl W 6^s**	116	24	White cylindrical concrete tower. 86	Obscured from 306° to 101°.
28015	**Kukuihaele Light**	20 07.9 155 33.5	**Iso W 6^s**	154	13	White concrete tower. 34	
28020	LAUPAHOEHOE POINT LIGHT	19 59.8 155 14.6	**Fl W 2.5^s**	39	8	NR on pole. 20	
28025	**Pepeekeo Point Light**	19 51 155 05.1	**Oc W 4^s**	147	13	White pyramidal skeleton tower. 75	
28030	**Paukaa Point Light**	19 45.9 155 05.5	**Fl G 6^s**	145	11	White pyramidal concrete tower.	Obscured from 350° to 190°.
	Hilo Harbor						
28035	- *Entrance Lighted Buoy 1*	19 44.7 155 05	**Fl G 2.5^s**		4	Black.	
28040	- BREAKWATER LIGHT	19 44.8 155 04.7	**Fl W 2.5^s**	30	7	NR on white pole. 22	
28045	- LIGHT 19		**Fl G 2.5^s**	17	5	SG on dolphin.	
28050	**Coconut Point Light**	19 43.8 155 05.3	**Iso G 6^s** **(R sector)**	38	10	White concrete tower. 34	Red from 162° to 183° and 209° to 283°. Higher intensity towards Bay entrance. Obscured from 283° to 162°.
28055	- *Lighted Buoy 3*		**Q G**		3	Green.	
28060	- RANGE FRONT LIGHT	19 44.1 155 03.4	**F G**	75		KRW on metal pole.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28065	- RANGE REAR LIGHT 470 yards 097°30′ from front light.		**F G**	124		KRW on square pyramidal skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28070	- *Lighted Buoy 4*		**Fl R 4^s**		3	Red.	
28075	- *Lighted Buoy 5*		**Fl G 4^s**		3	Black.	
28080	- Buoy 6					Red nun.	
28085	- Buoy 7					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	ISLAND OF HAWAII (Chart 19320)	N/W					
	Hilo Harbor						
28090	Reeds Bay Rock Daybeacon A					NW worded ROCK on pole.	Private aid.
28095	Reeds Bay Rock Daybeacon B					NW worded ROCK on pole.	Private aid.
28100	Reeds Bay Rock Daybeacon C					NW worded ROCK on pole.	Private aid.
28105	- *Lighted Buoy 9*		**Fl G** 2.5^s		3	Black.	
28110	- Buoy 10					Red nun.	
28115	WAIAKEA LIGHT	19 43.7 155 04.4	**Q R**	47	6	On white steel pole.	
28120	Wailoa Basin Channel Daybeacon 1					SG on pole.	
28125	Wailoa Basin Channel Buoy 2	19 43.6 155 04.5				Red nun.	
28130	**Cape Kumukahi Light**	19 31.2 154 48.8	**Fl W** 6^s	156	24	White pyramidal skeleton tower. 115	
28135	POHOIKI BAY BREAKWATER LIGHT 2	19 27.5 154 50.6	**Q R**	11	3	TR on pole.	
28140	KA LAE LIGHT	18 54.9 155 41.1	**Fl W** 6^s	60	8	NR on white concrete pole. 32	
28145	MILOLII POINT LIGHT	19 11.4 155 54.6	**Fl W** 4^s	44	7	NR on white steel pole. 20	
28150	NAPOOPOO LIGHT	19 28.9 155 56.3	**Fl W** 6^s	25	7	White pyramidal concrete tower. 22	Obscured in Kealakekua Bay when bearing is less than 291°.
28155	KEAUHOU BAY LIGHT	19 33.9 155 57.9	**Fl W** 4^s	35	8	Pole.	
28165	KEAUHOU BAY ENTRANCE DIRECTIONAL LIGHT		**F W R G**	25	W 9 R 7 G 7	Pole. 20	White when on centerline of channel (bearing 066°), red when right and green when left of white beam when entering from seaward.
28170	Keauhou Bay Range Front Daybeacon			6		KRW on pole. 6	
28175	Keauhou Bay Range Rear Daybeacon			30		KRW on pole. 30	
28180	**Kailua Bay Entrance Directional Light**	19 38.5 156 00	**Oc W** 4^s **(R&G sectors)**	31	W 12 R 10 G 10	NR on pole. 25	White 3° each side of channel **centerline (bearing 023°). Green when left of channel (026°-060°). Red when right of channel (310°-020°) when entering from seaward.**
28185	**Kailua Light**	19 38.5 156 00.2	**Iso W** 6^s **(R sector)**	32	W 13 R 10	White pyramidal concrete tower.	Red from 110° to 120°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII - Fourteenth District						
	ISLAND OF HAWAII (Chart 19320)	N/W					
	Honokohau Harbor						
28190	- *Approach Lighted Buoy 1*	19 40.3 156 02	**Fl G** 2.5^{s}		3	Black.	
28195	- ENTRANCE CHANNEL DIRECTIONAL LIGHT	19 40.4 156 01.7	**Iso W** 6^{s} **(R&G sectors)**	27	W 7 R 5 G 5	Pole.	White 2° each side of centerline of channel (bearing 064°); red when right and green when left of white beam when entering from seaward.
28200	- Entrance Channel Daybeacon 3	19 40.4 156 01.8		25		SG on pole.	
28205	- CHANNEL LIGHT 4		**Fl R** 4^{s}	25	3	TR on pole.	
28210	- Channel Daybeacon 5			32		SG on pile. 20	
28215	**Keahole Point Light**	19 43.9 156 03.8	**Fl W** 6^{s} **(R sector)**	43	W 12 R 9	White pyramidal concrete tower. 33	Red from 185° to 343°, covers rocks off Makolea and Kaiwi Points.
	Puako Small Boat Harbor						
28220	- LIGHT	19 58.6 155 50.1	**Oc G** 5.5^{s}	30	5	On power pole. Flood light for launching ramp also on pole.	Private aid.
28225	- Buoy 1					Black spar.	Private aid.
28230	- Buoy 2					Red spar.	Private aid.
28235	- Buoy 3					Black can.	Private aid.
28240	- Buoy 4					Red nun.	Private aid.
28245	- Buoy 5					Black can.	Private aid.
28250	- Buoy 6					Red nun.	Private aid.
28255	- Buoy 7					Black can.	Private aid.
28260	- Buoy 8					Red nun.	Private aid.
28265	- Buoy 9					Black can.	Private aid.
28270	KAWAIHOE LIGHT	20 02.7 155 50.1	**Fl W** 6^{s}	59	9	White pyramidal concrete tower. 36	
	Kawaihae Harbor						
28275	- *Entrance Lighted Buoy 1*		**Fl G** 2.5^{s}		4	Black.	
28280	- *Entrance Lighted Buoy 2*	20 02.6 155 50.6	**Fl R** 4^{s}		4	Red.	
28285	- CHANNEL RANGE FRONT LIGHT	20 02.3 155 49.8	**F G**	70		KRW on pole. 61	Higher intensity on rangeline. Lighted throughout 24 hours.
28290	- CHANNEL RANGE REAR LIGHT 247 yards 120° from front light.		**F G**	93		KRW on pole. 78	Higher intensity on rangeline. Lighted throughout 24 hours.
28295	- Channel Buoy 3					Black can.	
28300	- Channel Buoy 4					Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	ISLAND OF HAWAII (Chart 19320)	N/W					
	Kawaihae Harbor						
28305	– Channel Buoy 5					Black can.	
28310	– SOUTH BREAKWATER LIGHT 6	20 02.4 155 50.2	**Fl R** 2.5^{s}	20	4	TR on pole. 12	
28315	KAWAIHAE SMALL BOAT BASIN LIGHT 1	20 02.5 155 50.1	**Fl G** 4^{s}	20	3	SG on pole. 12	Obscured from 070° to 157°.
28320	– CHANNEL LIGHT 8		**Fl R** 2.5^{s}	15	3	TR on concrete structure.	
28325	MAHUKONA LIGHT	20 11 155 54.3	**Fl W** 4^{s}	64	6	White pyramidal concrete tower. 22	
28330	NAKALELE POINT LIGHT	21 01.9 156 35.6	**Fl W** 2.5^{s}	142	6	NR on pole.	Visible from 106° to 301°.
28335	*Waihee Reef Lighted Buoy 2*	20 55.9 156 28.7	**Fl R** 4^{s}		4	Red.	
	HAWAII TO OAHU (Chart 19340)						
	Maui Island						
	Kahului Harbor						
28340	– ENTRANCE RANGE FRONT LIGHT	20 53.6 156 28.5	**F R**	49		KRW on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28345	– ENTRANCE RANGE REAR LIGHT 470 yards, 177° from front light.		**F R**	91		KRW on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
28350	– ENTRANCE BREAKWATER LIGHT 1	20 54.2 156 28.5	**Fl W** 2.5^{s} **(R sector)**	35	W 6 R 5	SG on pole.	Red from 218° to 303°.
28355	– ENTRANCE BREAKWATER LIGHT 2		**Fl W** 4^{s} **(R sector)**	36	W 7 R 5	TR on pole.	Red from 066° to 167°.
28360	– Buoy 3					Black can.	
28365	– Buoy 4					Red nun.	
28370	– *Lighted Buoy 6*		**Fl R** 6^{s}		3	Red.	
28375	– Buoy 8					Red nun.	
28380	– *Lighted Buoy 10*		**Fl R** 4^{s}		3	Red.	
28385	**Pauwela Point Light**	20 56.9 156 19.5	**Fl W** 15^{s}	170	25	White pyramidal skeleton tower. 48	
28390	**Kauiki Head Light**	20 45.6 155 58.9	**Fl W** 2.5^{s}	85	7	White pyramidal concrete tower. 14	
	Hana Bay						
28395	– Range Front Daybeacon	20 45.6 155 59.2				White diamond daymark with red stripe on pole.	Private aid.
28400	– Range Rear Daybeacon 80 yards, 241°15′ from front daybeacon.					White diamond daymark with red stripe on pole.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
		HAWAII - Fourteenth District					
		N/W					
	HAWAII TO OAHU (Chart 19340)						
	Maui Island						
	Hana Bay						
28405	HANAMANIOA LIGHT	20 35.2 156 24.9	**Fl W 4ˢ**	73	8	NR on pole. 21	Obscured from 124° to 290°.
28410	MOLOKINI ISLAND LIGHT	20 38 156 30	**Fl W 2.5ˢ**	188	7	White skeleton tower. 25	
28415	McGREGOR POINT LIGHT	20 46.8 156 31.6	**Iso G 6ˢ**	72	7	White tower. 22	
	Maalaea Basin						
28420	- RANGE FRONT LIGHT	20 47.7 156 30.8	**F R**	23		KRW on pole.	
28425	- RANGE REAR LIGHT 82 yards, 339° from front light.		**F R**	30		KRW on pole.	
28430	- Channel Buoy 2					Red nun.	Private aid.
28435	- Channel Daybeacon 3					Black pile.	Private aid.
28440	Maalaea East Basin Buoy 4					Red nun.	Private aid.
28445	Maalaea East Basin Buoy 6					Red nun.	Private aid.
28450	- Daybeacon J					JR on pole.	Private aid.
28455	Maalea West Basin Daybeacon 2W					TW on pole.	Private aid.
	Lahaina						
28460	**Lahaina Light**	20 52.5 156 40.9	**Fl R 7.5ˢ**	44	12	White pyramidal concrete tower. 39	Obscured from 142° to 333°.
28465	*Lahaina Entrance Lighted Buoy L*	20 52.3 156 41.2	**Mo (A) W**		6	Red and white stripes; red spherical topmark.	
28470	- RANGE FRONT LIGHT	20 52.5 156 40.9	**F G**	16		KRW on pile.	
28475	- RANGE REAR LIGHT 50 yards, 044°26′ from front light.		**F G**	22		KRW on pole.	
28480	- Buoy 1					Green can.	Private aid.
28485	- Buoy 2					Red spar.	Private aid.
28490	- Buoy 3					Green can.	Private aid.
28495	- Buoy 4					Red spar.	Private aid.
28500	- Buoy 5					Green can.	Private aid.
28505	- Buoy 6					Red spar.	Private aid.
28510	HAWEA POINT LIGHT	21 00.4 156 40.2	**Fl W 6ˢ**	75	9	NR on pyramidal skeleton tower.	
	Kahoolawe Island						
28515	KAHOOLAWE SOUTHWEST POINT LIGHT	20 30.3 156 40.2	**Fl W 6ˢ**	120	7	White skeleton tower. 20	Obscured over Kealaikahiki Point north of 123°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII - Fourteenth District						
	HAWAII TO OAHU (Chart 19340)	N/W					
	Lanai Island						
28520	POHAKULOA POINT LIGHT	20 55.9 156 59.5	**Fl W 6^s (R sector)**	30	W 6 R 4	NR on pole.	Red from 268.5° to 276.5°.
28525	PALAOA POINT LIGHT	20 44.1 156 58	**Fl W 6^s (R sector)**	91	W 6 R 4	White skeleton tower.	Red sector, covers rocks off point southwest of Manele Bay.
28530	*Manele Bay Lighted Buoy 2*	20 44.5 156 53	**Fl R 4^s**		3	Red.	
28535	MANELE BAY BREAKWATER LIGHT	20 44.7 156 53.4	**Fl G 4^s**	20	4	Pole on white house. 10	
	Manele Small Boat Harbor						
28540	- Buoy 1	20 44.7 156 53.4				Green can.	Private aid.
28545	- Buoy 2					Red nun.	Private aid.
28550	- Buoy 4					Red nun.	Private aid.
28555	KAUMALAPAU LIGHT	20 47.2 156 59.7	**Fl W 4^s**	66	5	White house. 13	Obscured from 180° to 000°.
	Molokai Island						
	Kaumalapau Harbor						
28560	- *Entrance Lighted Buoy 1*	20 47.3 156 59.7	**Fl G 2.5^s**		3	Black.	
28565	- Buoy 2					Red nun.	
28570	- Buoy 4					Red nun.	
28575	**Molokai Light**	21 12.8 156 58.3	**Fl W 10^s**	213	28	White octagonal pyramidal tower. 138	
28580	KAAMOLA POINT LIGHT	21 03.2 156 51.1	**Fl W 4^s**	23	5	NR on pole.	
28585	*Kamalo Bay Reef Lighted Buoy 2*	21 02.1 156 52.7	**Fl R 4^s**		4	Red.	Marks entrance to Kamalo Bay.
28590	Kamalo Harbor Buoy 4	21 02.5 156 52.7				Red nun.	
28595	Kamalo Harbor Daybeacon 6					TR on pile.	
	Kaunakakai Harbor						
28600	*Kaunakakai Lighted Buoy 2*	21 04.8 157 02.1	**Fl R 4^s**		4	Red.	
28605	- ENTRANCE RANGE FRONT LIGHT	21 05.5 157 01.7	**F R**	27		KRW on skeleton tower on house.	Visible 4° each side of rangeline.
28610	- ENTRANCE RANGE REAR LIGHT 200 yards, 034° from front light.		**F R**	40		KRW on skeleton tower	Visible 4° each side of rangeline.
28615	- Buoy 3					Black can.	
28620	- Buoy 4					Red nun.	
28625	- Buoy 5					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII - Fourteenth District				
	HAWAII TO OAHU (Chart 19340) N/W						
	Molokai Island						
	Kaunakakai Harbor						
28630	- Pier Light 6	21 05 157 01.9	**Fl W** 6^s	30	6	On warehouse 20 feet above pier.	Private aid.
	Kaunakakai Small Boat Harbor						
28635	- Buoy 2					Red.	Private aid.
28640	- Daybeacon 3			5		SG on pole.	Private aid.
28645	- Daybeacon 5			5		SG on pole.	Private aid.
28650	- Daybeacon 4			5		TR on pole.	Private aid.
28655	- Daybeacon 6			5		TR on pole.	Private aid.
28660	- Daybeacon 8			5		TR on pole	Private aid.
28665	- Daybeacon REEF			5		Diamond on pole.	Private aid.
28670	LAAU POINT LIGHT	21 06.2 157 18.5	**Fl W** 2.5^s	151	7	NR on columnized pole. 20	Obscured from 189° to 286°.
	OAHU ISLAND (Chart 19359)						
	Kaneohe Bay						
28675	**Pyramid Rock Light**	21 27.9 157 46	**OC W** 4^s	101	10	White square concrete house with black diagonal stripes.	
28680	- *Entrance Channel Approach Lighted Buoy K*	21 31.3 157 48.4	**Mo (A) W**		6	Red and white stripes. Red spherical topmark.	
28685	- Channel Buoy 2	21 31.1 157 48.8				Red nun.	
28690	- Channel Buoy 3					Black can.	
28695	- Channel Buoy 4					Red nun.	
28700	- Channel Daybeacon 5			13		SG on concrete structure.	
28705	- Channel Daybeacon 6			13		TR on concrete structure.	
28710	- ENTRANCE AND KUALOA RANGE POINT FRONT LIGHT	21 29.9 157 50.1	**Q R**	22		KRW on concrete structure.	Visible all around with higher intensity beam on rangeline.
28715	- ENTRANCE RANGE REAR LIGHT 550 yards, 227° from front light.		**Iso R** 6^s	42		KRW on concrete structure.	Obscured from 075° to 159°.
28720	KUALOA POINT RANGE REAR LIGHT 240 yards, 349.5° from front light.		**Oc R** 4^s	38		KRW on concrete structure.	Obscured from 140° to 196°.
28725	- Channel Daybeacon 7			13		SG on concrete structure.	
28730	- Channel Daybeacon 8			13		TR on concrete structure.	
28735	- Channel Daybeacon 9			13		SG on concrete structure.	
28740	- Channel Daybeacon 10			13		TR on concrete structure.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			HAWAII – Fourteenth District				
		N/W					
	OAHU ISLAND (Chart 19359)						
	Kaneohe Bay						
28745	– Channel Daybeacon 11			13		SG on concrete structure.	
28750	– Channel Buoy 11A					Black can.	
28755	– CHANNEL LIGHT 12		**Fl R** 2.5^{s}	15	2	TR on concrete structure.	
28760	– Channel Buoy 12A					Red nun.	
28765	– CHANNEL LIGHT 13		**Fl G** 4^{s}	15	3	SG on concrete structure.	
28770	– Channel Daybeacon 15			13		SG on concrete structure.	
28775	– CHANNEL LIGHT 16		**Fl R** 4^{s}	15	3	TR on concrete structure.	
28780	– Channel Daybeacon 17			13		SG on concrete structure.	
28785	– CHANNEL LIGHT 19		**Q G**	15	2	SG on concrete structure.	
28790	– Channel Buoy 20					Red nun.	
28795	– Daybeacon 1	21 27 157 48.6		13		SG on concrete structure.	
28800	– Daybeacon 2	21 27.1 157 48.7		13		TR on concrete structure.	
	Sampan Channel						
28805	– *Entrance Lighted Buoy 2*	21 28.3 157 46.8	**Fl R** 6^{s}		4	Red.	
28810	– RANGE FRONT LIGHT	21 26.3 157 48.5	**Q R**	38		KRW on concrete pole.	Visible 4° each side of rangeline.
28815	– RANGE REAR LIGHT 475 yards, 217.2° from front light.		**F R**	80		KRW on pyramidal skeleton tower.	Visible 4° each side of rangeline.
28820	– Daybeacon 4			13		TR on concrete structure.	
28825	– LIGHT 5		**Fl G** 2.5^{s}	16	2	SG on concrete structure.	
28830	– Daybeacon 7					SG on concrete structure.	
28835	– Daybeacon 8					TR on concrete structure.	
28840	– Daybeacon 9					SG on concrete structure.	
28845	– Buoy 10	21 27.1 157 47.8				Red nun.	
	Kaneohe Bay Utility Channel						
28850	– Buoy 2	21 27.3 157 47.1				Red nun.	Marks shoal area.
28855	– Daybeacon 3					SG on concrete structure.	
28860	– LIGHT 4	21 27.2 157 47.1	**Fl R** 2.5^{s}	15	2	TR on concrete structure.	
28865	– Buoy 5					Black can.	
28870	Fort Hase Reef Buoy FH	21 26.6 157 44.3				Black can.	
28875	MAKANI KAI RANGE FRONT LIGHT	21 25.3 157 47.6	**F R**	17		KWR on concrete block.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU ISLAND (Chart 19359)	N/W					
	Kaneohe Bay Utility Channel						
28880	MAKANI KAI RANGE REAR LIGHT 22 yards, 254° from front light.		F R	24		KWR on pile.	Private aid.
	Waimanalo Bay						
	Makai Channel						
28885	– Buoy 1	21 19.4 157 40.2				Black can.	Private aid.
28890	– Buoy 2	21 19.4 157 40.2				Red nun.	Private aid.
28895	– Daybeacon 3	21 19.3 157 40.2				SG on pile.	Private aid.
28900	– Daybeacon 4					TR on pile.	Private aid.
28905	– Daybeacon 5	21 19.3 157 40.3				SG on pile.	Private aid.
28910	– RANGE FRONT LIGHT	21 19.3 157 40.3	F Y	28		KRW on pile.	Private aid.
28915	– RANGE REAR LIGHT 400 feet, 211.7° from front structure.		F Y	51		KRW on pole.	Private aid.
28920	– Daybeacon 7	21 19.3 157 40.3				SG on dolphin.	Private aid.
28925	**Makapuu Point Light**	21 18.8 157 39.1	Oc W 10ˢ	420	19	White cylindrical concrete tower. 46	Obscured west of 011°, and may be obscured westward of 154° by points northward of light.
	Maunalua Bay						
28930	– LIGHT 1	21 16.5 157 43.1	Fl G 4ˢ	15	3	SG on steel structure.	
28935	– Daybeacon 1A					SG on pile.	Private aid.
28940	– Daybeacon 2					TR on pile.	Private aid.
28945	– Daybeacon 3					SG on pile.	Private aid.
28950	– Daybeacon 4					TR on pile.	Private aid.
28955	– Daybeacon 5					SG on pile.	Private aid.
28960	– Daybeacon 6					TR on pile.	Private aid.
28965	– Daybeacon 7					SG on pile.	Private aid.
28970	– Daybeacon 8					TR on pile.	Private aid.
28975	– Daybeacon 9					SG on pile.	Private aid.
28980	– Daybeacon 10					TR on pile.	Private aid.
28985	– Daybeacon 11					SG on pile.	Private aid.
28990	– Daybeacon 12					TR on pile.	Private aid.
28995	– Daybeacon 13					SG on pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
		N/W					
	OAHU ISLAND (Chart 19359)						
	Maunalua Bay						
29000	– Daybeacon 14					TR on pile.	Private aid.
29005	– Daybeacon 15					SG on pile.	Private aid.
29010	– Daybeacon 16					TR on pile.	Private aid.
29015	– Daybeacon 17					SG on pile.	Private aid.
29020	– Daybeacon 18					TR on pile.	Private aid.
29025	– Daybeacon 19					SG on pile.	Private aid.
29030	– Daybeacon 20					TR on pile.	Private aid.
29035	– Daybeacon 21					SG on pile.	Private aid.
29040	Kuapa Entrance Channel Buoy 1					Black can.	Private aid.
29045	Kuapa Entrance Channel Buoy 2	21 16.9 157 42.9				Spherical red	Private aid.
29050	Kuapa Entrance Channel Buoy 3					Spherical black.	Private aid.
29055	Kuapa Entrance Channel Buoy 4					Spherical red.	Private aid.
29060	**Diamond Head Light**	21 15.5 157 48.7	**Oc (2) W 10^s** **(R sector)** 2.0^s fl 1.5^s ec 5.0^s fl 1.5^s ec	147	W 17 R 14	White concrete tower. 55	Visible southward of 272° and 110°; red from 099° to 110°.
29065	*Diamond Head Reef Lighted Buoy 2*	21 15 157 49.1	**Fl R 4^s**		4	Red.	
29070	Kaiser Boat Channel Daybeacon 1	21 16.8 157 50.6				SG on pole.	Private aid.
29075	Kaiser Boat Channel Daybeacon 2					TR on pole.	Private aid.
29080	Kaiser Boat Channel Daybeacon 3					SG on pole.	Private aid.
29085	Kaiser Boat Channel Daybeacon 4					TR on pole.	Private aid.
	Ala Wai Boat Harbor						
29090	– *Entrance Lighted Buoy 1*	21 16.8 157 51	**Fl G 2.5^s**		4	Green.	
29095	– *Entrance Lighted Buoy 2*	21 16.8 157 50.9	**Fl R 2.5^s**		4	Red.	
29100	– CHANNEL RANGE FRONT LIGHT	21 17.5 157 50.8	**F Y**	30		KRW on gray pole.	Lighted throughout 24 hours. Private aid.
29105	– CHANNEL RANGE REAR LIGHT 90 yards, 013°30′ from front light.		**Q Y**	48		KRW on gray pole.	Lighted throughout 24 hours. Private aid.
29110	– Channel Daybeacon 3			14		SG on pile.	Private aid.
29115	– Channel Daybeacon 4			14		TR on pile.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU ISLAND (Chart 19359)	N/W					
	Ala Wai Boat Harbor						
29120	– Channel Daybeacon 5			6		SG on pile.	Private aid.
29125	– Channel Daybeacon 6			6		TR on pile.	Private aid.
29130	– Channel Daybeacon 7			6		SG on pile.	Private aid.
29135	– Channel Daybeacon 8			6		TR on pile.	Private aid.
	Kewalo Basin						
29140	– ENTRANCE RANGE FRONT LIGHT	21 17.8 157 51.6	**F G**	63		KRW on pole.	Visible 4° each side of rangeline.
29145	– ENTRANCE RANGE REAR LIGHT 77 yards, 034.7° from front light.		**F G**	75		KRW on skeleton tower.	Visible 4° each side of rangeline.
29150	– *Lighted Buoy 1*	21 17.5 157 51.9	**Fl G** 2.5^s		4	Black.	
29155	– Buoy 2					Red nun.	
29160	– Buoy 4					Red nun.	
29165	– Buoy 6					Red nun.	
	Honolulu Harbor						
29170	– ENTRANCE LIGHT	21 17.9 157 52.3	**Fl G** 7.5^s	95	20	White pole.	Visible from 305° to 089°. Aircraft warning lights.
29175	– *Entrance Lighted Buoy H*	21 17 157 53	**Mo (A) W** **Fl W** 2.5^s		6 8	Red and white stripes with red spherical topmark.	High intensity flashtube, Fl W 2.5^s.
29180	– *Channel Lighted Buoy 1*		**Fl G** 4^s		4	Green.	
29185	– ENTRANCE CHANNEL RANGE FRONT LIGHT	21 18.5 157 52.1	**F R**	45		KRW on concrete structure.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29190	– ENTRANCE CHANNEL RANGE REAR LIGHT 8,163 yards. 028° from front light.		**F R**	60		KRW on roof of building.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29195	– *Channel Lighted Buoy 2*		**Fl R** 4^s		4	Red.	
29200	– Channel Buoy 3					Black can.	
29205	– Channel Buoy 4	21 17.8 157 52.4				Red nun.	
29210	– *Channel Lighted Buoy 5*		**Fl G** 2.5^s		3	Green.	
29215	– *Channel Lighted Buoy 6*	21 17.9 157 52.4	**Fl R** 4^s		3	Red.	Marks shoal.
29220	– LIGHT 7	21 18.2 157 52.3	**Iso G** 6^s	15	7	SG on pile.	
29225	– Buoy 8	21 18.5 157 52.1				Red nun.	

HAWAII – Fourteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OAHU ISLAND (Chart 19359)	N/W					
	Honolulu Harbor						
29230	– Special Purpose Buoy A	21 18.7 157 52.1				International orange and white banded nun.	
29235	Kapalama Basin Buoy 2	21 19.2 157 53				Red nun.	
	Kalihi Channel						
29240	– *Entrance Lighted Buoy 2*		**Fl R** 4^{s}		5	Red.	
29245	– RANGE FRONT LIGHT	21 18.7 157 53.9	**Q G**	36		KRW on skeleton tower.	Visible 4° each side of rangeline.
29250	– RANGE REAR LIGHT 677 yards, 007° from front light.		**Iso G** 6^{s}	65		KRW on skeleton tower.	Visible 4° each side of rangeline.
29255	– Buoy 3					Black can.	
29260	– Buoy 4					Red nun.	
29265	– LIGHT 5		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
29270	– LIGHT 6		**Q R**	15	4	TR on dolphin.	
29275	– LIGHT 8		**Q R**	15	4	TR on dolphin.	
29280	– LIGHT 7		**Fl G** 4^{s}	15	4	SG on dolphin.	
29285	– LIGHT 12		**Fl R** 2.5^{s}	15	4	TR on dolphin.	
29290	– LIGHT 13		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
29295	– LIGHT 16		**Fl R** 4^{s}	15	4	TR on dolphin.	
29300	– LIGHT 17		**Fl G** 2.5^{s}	15	4	SG on dolphin.	
29305	– LIGHT 19		**Fl G** 4^{s}	15	4	SG on dolphin.	
29310	– LIGHT 20		**Fl R** 2.5^{s}	15	4	TR on dolphin.	
29315	KEEHI LAGON BARGE CHANNEL RANGE FRONT LIGHT	21 20 157 54.1	**F G**	16		KGR on pole.	Lighted thoroughout 24 hours. Private aid.
29320	KEEHI LAGOON BARGE CHANNEL RANGE REAR LIGHT 200 yards, 334° from front light.		**F G**	22		KGR on pole.	Lighted thoroughout 24 hours. Private aid.
29325	Keehi Lagoon Barge Channel 2					Red nun.	Private aid.
29330	Keehi Lagoon Marker Buoy A	21 19.7 157 53.9				Spherical white with orange diamond worded PIPELINE.	Private aid.
29335	Keehi Lagoon Pipeline Marker Buoy B	21 19.7 157 54				Spherical white with orange diamond worded PIPELINE.	Private aid.
29340	Keehi Lagoon Pipeline Marker Buoy C	21 19.7 157 54.1				Spherical white with orange diamond worded PIPELINE.	Private aid.
	Hickam Harbor						
29345	– Channel Buoy 1	21 18.2 157 57.2				Green.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU ISLAND (Chart 19359)	N/W					
	Hickam Harbor						
29350	– CHANNEL LIGHT 2	21 18.2 157 57.1	**Fl R** 4^s	15	3	TR on metal pile.	
29355	– Channel Daybeacon 3					SG on concrete pile.	
29360	– Channel Daybeacon 4					TR on concrete pile.	
29365	– CHANNEL LIGHT 6		**Fl R** 2.5^s	15	3	TR on concrete pile.	
	Pearl Harbor						
29370	– *Entrance Lighted Buoy 1*	21 18.1 157 57.6	**Fl G** 4^s		4	Green.	
29375	– *Entrance Lighted Buoy 2*		**Fl R** 2.5^s		4	Red.	
29380	– ENTRANCE RANGE FRONT LIGHT	21 19.8 157 58.4	**Q G**	47		KRW on skeleton tower.	Visible 4° each side of rangeline. Lighted throughout 24 hours.
29385	– ENTRANCE RANGE REAR LIGHT 750 yards, 333.6° from front light.		**F G**	80		KRW on skeleton tower.	Visible all around; higher intensity on rangeline. Lighted throughout 24 hours.
29390	– Buoy 3					Black can.	
29395	– Buoy 4					Red nun.	
29400	– LIGHT 5	21 18.9 157 58	**Fl G** 2.5^s	15	2	SG on concrete pile.	
29405	– LIGHT 6		**Fl R** 4^s	15	3	TR on concrete pile.	
29410	– LIGHT 7		**Fl G** 4^s	16	4	SG on concrete dolphin.	Ra ref.
29415	A Docks Basin Daybeacon 2					TR on concrete pile.	
29420	– LIGHT 9		**Fl G** 4^s	15	3	SG on concrete pile.	
29425	– *Lighted Buoy 11*	21 20.4 157 58.3	**Fl G** 2.5^s		2	Green.	
29430	– LIGHT 13	21 20.5 157 58.3	**Oc G** 4^s	15	3	SG on pole.	
29435	– LIGHT 15		**Fl G** 4^s	15	3	SG on concrete structure.	
29440	– LIGHT 16		**Q R**	15	2	TR on concrete structure.	
29445	– Daybeacon 17			13		SG on concrete structure.	
29450	– LIGHT 18		**Fl R** 2.5^s	15	2	TR on concrete structure.	
29455	– LIGHT 19		**Fl G** 6^s	15	3	SG on concrete structure.	
29460	– LIGHT 20		**Fl R** 4^s	15	3	TR on concrete structure.	
29465	– LIGHT 21		**Q G**	15	3	SG on concrete structure.	
29470	– LIGHT 23		**Fl G** 2.5^s	15	3	SG on concrete structure.	
29475	– *Lighted Buoy 25*	21 22.1 157 56.8	**Fl G** 4^s		3	Black.	

HAWAII – Fourteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	OAHU ISLAND (Chart 19359)	N/W					
	Pearl Harbor						
29480	– Buoy 26	21 22.6 157 56.9				Red nun.	
29485	– *Lighted Buoy 27*		**Fl G** 2.5^{s}		3	Black.	
29490	– *Lighted Buoy 29*	21 22.4 157 57.5	**Fl G** 6^{s}		3	Green.	
29495	– LIGHT 33		**Fl G** 4^{s}	15	3	SG on concrete structure.	
29500	– LIGHT 35		**Fl G** 2.5^{s}	15	3	SG on concrete structure.	
29505	– *Lighted Buoy 36*		**Fl R** 4^{s}		3	Red.	
	Pearl Harbor West Loch						
29510	– ENTRANCE RANGE FRONT LIGHT	21 21.1 157 59	**F G**	32		KRW on skeleton tower.	Visible 4° each side of rangeline.
29515	– ENTRANCE RANGE REAR LIGHT 300 yards, 323° from front light.		**F G**	47		KRW on skeleton tower.	Visible 4° each side of rangeline.
29520	– Daybeacon 1			13		SG on concrete structure.	
29525	– LIGHT 3		**Q G**	15	2	SG on concrete structure.	
29530	– LIGHT 5		**Fl G** 2.5^{s}	15	3	SG on concrete structure.	
29535	– *Lighted Buoy 6*		**Q R**		2	Red.	
29540	– *Lighted Buoy 7*		**Q G**		2	Black.	
29545	– Daybeacon 9			13		SG on concrete structure.	
29550	– LIGHT 10		**Fl R** 4^{s}	15	3	TR on concrete structure.	
29555	– Daybeacon 11			13		SG on concrete stucture.	
	Pearl Harbor East Loch						
29560	– Daybeacon 2			13		TR on concrete structure.	
29565	– LIGHT 4		**Fl R** 4^{s}	15	3	TR on concrete structure.	
	Pearl Harbor Southeast Loch						
29570	MERRY POINT LIGHT	21 21.1 157 56.6	**F G**	35	7		Lighted throughout 24 hours.
	Barbers Point						
29575	– ANCHORAGE AREA GUIDE LIGHT	21 18.1 158 04.4	**Q W**	41		Red diamond daymark on white pole.	Private aid.
29580	– *Anchorage Area Charlie Lighted Buoy A*	21 16.7 158 04.2	**Fl W** 4^{s}			White.	Private aid.
29585	– *Anchorage Area Charlie Lighted Buoy B*	21 16.7 158 04.7	**Fl W** 4^{s}			White.	Private aid.
29590	– Anchorage Area Charlie Buoy C	21 17 158 04.7				White spar.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU ISLAND (Chart 19359)	N/W					
	Barbers Point						
29595	– Anchorage Area Charlie Buoy D	21 17 158 04.2				White spar.	Private aid.
29600	– Anchorage Area Bravo Buoy A					White spar.	Private aid.
29605	– Anchorage Area Bravo Buoy B					White spar.	Private aid.
29610	– *Anchorage Area Bravo Lighted Buoy C*	21 16.4 158 05.3	**Fl W** 2.4^{s}			White.	Private aid.
29615	– Anchorage Area Bravo Buoy D					White.	Private aid.
29620	– Anchorage Area Bravo Buoy E					White.	Private aid.
29625	– *Anchorage Area Bravo Lighted Buoy F*	21 16.4 158 05.5	**Fl W** 2.4^{s}			White.	Private aid.
29630	– *Anchorage Area Bravo Lighted Buoy G*	21 16.3 158 05.5	**Fl W** 2.4^{s}			White.	Private aid.
29635	– Anchorage Area Bravo Buoy H					White.	Private aid.
29640	– Anchorage Area Bravo Buoy I					White.	Private aid.
29645	– *Anchorage Area Bravo Lighted Buoy J*	21 16.3 158 05.3	**Fl W** 2.4^{s}			White.	Private aid.
29650	– **Light**	21 18 158 06.5	**Fl W** 7.5^{s}	85	24	White cylindrical concrete tower. 71	Obscured from 147.7° to shore. Special Direction finder Calibration Service. See p. xxii.
29655	– Barge Channel Entrance Buoy 1					Black spar.	Private aid.
29660	– Barge Channel Entrance Buoy 2					Red spar.	Private aid.
29665	FORACS III Buoy	21 22.4 158 08.8				Orange and white bands.	Maintained by U.S. Navy.
29670	POKAI BAY BREAKWATER LIGHT 2		**Fl R** 4^{s}	30	4	TR on pole. 20	
	Waianae Harbor						
29675	– BREAKWATER LIGHT 1	21 27 158 12	**Fl G** 4^{s}	20	5	SG on pole.	
29680	– RANGE FRONT LIGHT	21 27.1 158 11.9	**F R**	14		KRW on pole.	Higher intensity beam when on rangeline.
29685	– RANGE REAR LIGHT 70 yards, 003° from front light.		**F R**	17		KRW on pole.	Higher intensity beam when on rangeline.
29690	**Kaena Point Light**	21 34.5 158 16	**Fl W** 10^{s}	931	25	On top of building. 25	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
		N/W					
	OAHU ISLAND (Chart 19359)						
	Waianae Harbor						
29695	Kaena Point Passing Light	21 34.7 158 16.9	**Fl W** 2.5^{s}	67	7	White pyramidal concrete tower. 22	
	Haleiwa Harbor						
29700	– RANGE FRONT LIGHT	21 35.9 158 06.4	**F G**	24		KRW on pole.	Visible 4° each side of rangeline.
29705	– RANGE REAR LIGHT 305 yards, 129° from front light.		**F G**	46		KRW on pole.	Visible 4° each side of rangeline.
29710	– *Entrance Lighted Buoy 2*	21 36.4 158 07	**Fl R** 2.5^{s}		4	Red.	
29715	– LIGHT	21 35.9 158 06.5	**Fl W** 6^{s}	20	7	NR on pole.	
29720	– Buoy 3					Green can.	
29725	– Buoy 4					Red nun.	
29730	– Buoy 5					Green can.	
	OAHU TO NIIHAU (Chart 19380)						
	Kauai Island						
29735	**Kilauea Point Light**	22 14.1 159 24.3	**Fl W** 10^{s}	174	23	White concrete pole. 10	Obscured from 295° to 065°.
29740	Kahala Point Light	22 09 159 17.9	**Fl W** 4^{s}	42	5	NR on steel pole. 20	
29745	**Nawiliwili Harbor Light**	21 57.5 159 20.3	**Fl W** 15^{s}	112	25	Buff-colored cylindrical concrete tower. 80	Obscured from 065° on 115°.
29750	Ninini Point Buoy 2	21 57.3 159 20.4				Red nun.	Marks shoal off Ninini Point.
	Nawiliwili Harbor						
29755	KUKII POINT LIGHT	21 57.6 159 21	**Fl W** 2.5^{s} **(R sector)**	47	W 6 R 5	White pyramidal concrete tower. 22	Red from 256° to 296°.
29760	– RANGE FRONT LIGHT	21 57.6 159 21.3	**Q R**	45		KRW on pole. 40	Visible 4° each side of rangeline.
29765	– RANGE REAR LIGHT 181 yards, 289.4° from front light.		**F R**	68		KRW on tank. 60	Visible 4° each side of rangeline.
29770	– BREAKWATER LIGHT	21 57.4 159 21.1	**Fl W** 6^{s}	20	7	NR on pole house.	
29775	– Entrance Buoy 1					Black can.	Marks submerged end of breakwater.
29780	– Buoy 2					Red nun.	
29785	– Bouy 4					Red nun.	
29790	– *Lighted Buoy 5*		**Fl G** 2.5^{s}		4	Green	
29795	– Buoy 7					Green can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU TO NIIHAU (Chart 19380)	N/W					
	Kauai Island						
	Nawiliwili Harbor						
29800	– *Lighted Buoy 9*		**Fl G** 4^s		4	Black.	
	Nawiliwili Small Boat Harbor						
29805	– LIGHT 1	21 57.2 159 21.6	**Fl G** 6^s	17	4	SG on pile.	
29810	– LIGHT 2		**Fl R** 4^s	17	3	TR on pile.	
29815	– Daybeacon 3			10		SG on pile.	Private aid.
29820	– Daybeacon 5			10		SG on pile.	Private aid.
29825	– Daybeacon 7			10		SG on pile.	Private aid.
29830	– Daybeacon 9			10		SG on pile.	Private aid.
29835	– Daybeacon 11			10		SG on pile.	Private aid.
29840	– Daybeacon 13			10		SG on pile.	Private aid.
29845	– Daybeacon 15			10		SG on pile.	Private aid.
29850	**Makahuena Point Light**	21 52.3 159 26.8	**Fl W** 2.5^s	80	12	NR on pole. 20	Obscured from 110° to 237°30′.
29855	KUKUIULA BOAT HARBOR BREAKWATER LIGHT	21 53.2 159 29.5	**F R**	25		On pole. 20	Private aid.
29860	Kalanipuao Rock Buoy 2	21 52.8 159 31.5				Red nun.	
29865	HANAPEPE LIGHT	21 53.8 159 36.4	**Fl W** 4^s **(R sector)**	28	W 5 R 4	NR on pole. 20	Red from 261° to 282°, covers Kalanipuao Rock.
	Hanapepe Bay						
29870	– BREAKWATER LIGHT	21 54 159 35.6	**Iso W** 6^s	9		NR on steel pole. 14	
29875	– *Lighted Buoy 1*	21 53.9 159 35.8	**Fl G** 2.5^s		4	Green.	
29880	– Buoy 2	21 53.9 159 35.6				Red nun.	
29885	– *Lighted Buoy 3*		**Fl G** 4^s		3	Green.	
29890	– Buoy 5					Black can.	
29895	– Buoy 7					Green can.	
29900	Kikiaola Boat Harbor Obstruction Buoy	21 57.5 159 41.6				Orange and white bands.	Private aid.
29905	Kokole Light	21 58.9 159 45.5	**Fl W** 6^s	58	6	NR on three legged tower.	Obscured from 163° to 283°.
29910	NOHILI POINT LIGHT	22 03.9 159 47.1	**Fl W** 4^s	120	8	NR on white steel pole. 20	Obscured from 230° to 330°.
29915	Milolii Beach Range Front Daybeacon	22 08.9 159 43.6				KRW on pole.	Private aid.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	HAWAII – Fourteenth District						
	OAHU TO NIIHAU (Chart 19380)	N/W					
	Kauai Island						
29920	Milolii Beach Range Rear Daybeacon 33 yards, 168.2° from front daybeacon.					KRW on pole.	Private aid.
29925	Nualolo Beach Range Front Daybeacon	22 09.7 159 42.2				KRW on pole.	Private aid.
29930	Nualolo Beach Range Rear Daybeacon 33 yards, 149° from front daybeacon.					KRW on pole.	Private aid.
	Lehua Island						
29935	LEHUA ROCK LIGHT	22 01.3 160 06.1	**Fl W** 4^s	704	7	White fiberglass pole. 10	Visible from 045° to 344°.
29940	*NOAA Data Lighted Buoy EB 51001*	23 26 160 06.1	**Fl (4)** Y 20^s			Yellow boat-shaped weather buoy.	
	PACIFIC ISLANDS – Fourteenth District						
	LAYSAN ISLAND TO KURE ISLAND (Chart 19022)						
	Midway Islands						
	Midway Channel						
	Aids mark channel edge unless otherwise indicated.						
29945	*– Entrance Lighted Buoy 1*	28 11.4 177 21.4	**Fl G** 4^s		4	Green.	
29950	– RANGE FRONT LIGHT	28 13.7 177 21.3	**Q W**	17		KRW on pile structure.	Visible 4° each side of rangeline.
29955	– RANGE REAR LIGHT 600 yards, 359°30′ from front light.		**Iso W** 6^s	43		KRW on pile structure.	Visible 4° each side of rangeline.
29960	– Buoy 3					Green can.	
29965	– Buoy 4					Red nun.	
29970	– Buoy 6					Red nun.	
29975	– Buoy 7					Green can.	Marks tip of shoal.
29980	– Buoy 9					Green can.	
29985	– Buoy 11					Green can.	Marks channel limit.
29990	– Buoy 12					Red nun.	
29995	Midway Basin Channel Buoy 1					Green can.	Marks tip of shoal.
30000	Midway Basin Channel Buoy 2					Red nun.	Marks shoal.
30005	– Buoy 13					Black can.	
30010	– Buoy 14					Red nun.	
30015	– Buoy 15					Green can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
		N/W					
	LAYSAN ISLAND TO KURE ISLAND (Chart 19022)						
	Midway Islands						
	Midway Channel						
30020	– Buoy 16					Red nun.	
30025	– Buoy 17					Green can.	
30030	– Buoy 18					Red nun.	
30035	– Buoy 19					Green can.	
30040	– Buoy 20					Red nun.	
30045	– Buoy 21					Black can.	
30050	– Buoy 22					Red nun.	
30055	– Buoy 24					Red nun.	
30060	– Range Front Daybeacon	28 12.5 177 20				KRW on pole.	
30065	– Range Rear Daybeacon 117 yards 101°30′ from front daybeacon					KRW on pole.	
30070	*NOAA Data Lighted Buoy 51003*	19 11 160 49.2	**Fl (4) Y** 20^{s}			Yellow boat-shaped weather buoy.	
30075	*NOAA Data Lighted Buoy 51002*	17 11.4 157 49.8	**Fl (4) Y** 20^{s}			Yellow boat-shaped weather buoy.	
	JOHNSTON ATOLL (Chart 83637)						
30080	– *Channel Entrance Lighted Buoy 2*	16 42.8 169 31.1	**Fl R** 2.5^{s}		4	Red.	
30085	– CHANNEL RANGE FRONT PASSING LIGHT	16 44.7 169 31.1	**Fl W** 4^{s}	20	4		Passing light on same structure as Johnston Atoll Channel Range Front Daybeacon.
30090	– Channel Range Front Daybeacon	16 44.7 169 31.1		14		KRW on platform.	
30095	– Channel Range Rear Daybeacon 650 yards 360° from front daybeacon.			40		KRW on pole.	
30100	– Channel Buoy 4					Red nun.	
30105	– Channel Daybeacon 5					SG on dolphin.	
30110	– Channel Daybeacon 6					TR on dolphin.	
30115	– Channel Daybeacon 7	16 43.8 169 31.2				SG on dolphin.	
30120	– Channel Daybeacon 9					SG on dolphin.	
30125	– Channel Daybeacon 10					TR on dolphin.	
30130	– Channel Buoy 11	16 44.2 169 31.2				Green can.	
30135	– Channel Daybeacon 12					TR on dolphin.	
30140	– Channel Daybeacon 13	16 44.4 169 31.2				SG on dolphin.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
	JOHNSTON ATOLL (Chart 83637)	N/W					
	Midway Islands						
	Midway Channel						
30145	– Channel Daybeacon 14					TR on dolphin.	
30150	– Channel Buoy 16					Red nun.	
30155	– Harbor Buoy 17					Black can.	
30160	– Harbor Buoy 18	16 44.6 169 31.6				Red nun.	
30165	– Harbor Daybeacon 24					TR on pile.	
30170	– Harbor Daybeacon 25					SG on pile.	
	SAMOA ISLANDS (Chart 83484)	S/W					
30175	AUNUU ISLAND LIGHT	14 17 170 32.9	**Fl W** 4ˢ	272	6	Pole structure. 25	Obscured west of 155° and within 1 mile south of Aunuu Island is obscured from 020° to 035°.
30180	Aunuu Island Breakwater Daybeacon 2	14 17.3 170 33.6		27		TR on pile. 15	
	Tutuila Island						
30185	BREAKWATER POINT LIGHT	14 17.6 170 39.8	**Fl W** 6ˢ **(R sector)**	190	9	NR on pole structure. 27	Red from 150° to 170°. Visible from channel between Tutuila Island and Aunuu Island around into inner harbor of Pago Pago.
	Pago Pago Harbor						
30190	– RANGE FRONT LIGHT	14 16.3 170 40.4	**F R**	26		KRW on skeleton tower.	Higher intensity beam on centerline.
30195	– RANGE REAR LIGHT 253 yards 342° from front light.		**F R**	150		KRW on square sturcture, house on top. 10	Higher intensity beam on centerline.
30200	*Whale Rock Lighted Buoy 1*	14 17.3 170 40.1	**Fl G** 4ˢ		4	Black.	
30205	Toasa Rock Buoy 2					Red nun.	
30210	– Buoy 4	14 16.7 170 40.2				Red nun.	
30215	– Daybeacon 5					SG on concrete pile.	
30220	– Daybeacon 7	14 16.6 170 41.4				SG on pile structure.	
	Fagaalu Inlet						
30225	– Daybeacon 2	14 17.5 170 40.6		7		TR on pile.	Private aid.
30230	– Daybeacon 3			7		SG on pile.	Private aid.
	Tutuila Island						
30235	STEPS POINT LIGHT	14 22.5 170 45.4	**Fl W** 4ˢ	78	7	NR on pole. 21	

PACIFIC ISLANDS - Fourteenth District

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	SAMOA ISLANDS (Chart 83484)	S/W					
	Ofu Harbor						
	Midway Channel						
30240	- Daybeacon 1	14 10.1 169 40.9				SG on pole.	
30245	- LIGHT 2	14 10.2 169 40.8	Fl R 4^s	16	3	TR on concrete pile.	
30250	- Daybeacon 3	14 10.1 169 40.8				SG on pole.	
30255	- Daybeacon 4	14 10.2 169 40.8				TR on pole.	
	Ta'u Harbor						
30260	- Range Front Daybeacon	14 14.5 169 30.6		21		KRW on pole. 13	
	MARSHALL ISLANDS (Southern Part) (Chart 81012)	N/E					
	Majuro Atoll						
	Majuro Channel						
30265	MAJURO ATOLL LIGHT	07 09.7 171 09.9	Fl W 6^s	91	7	NR on skeleton tower. 86	
30270	- Buoy 1	07 10.2 171 10.4				Black can.	
30275	- *Lighted Buoy 2*	07 10.1 171 10.3	Fl R 4^s		4	Red.	
30280	- Buoy 3					Green can.	
30285	- Buoy 4					Red nun.	
30290	- *Lighted Buoy 5*	07 08.7 171 11.3	Fl G 4^s		4	Green	
30295	- Buoy 6					Red nun.	
30300	- Buoy 8	07 06.1 171 16				Red nun.	
30305	- *Lighted Buoy 10*	07 06.4 171 17.3	Fl R 4^s		4	Red.	
	KWAJALEIN ATOLL(Northern Part) (Chart 81706)						
	Kwajalein Atoll						
	Roi-Namur Islands Channel						
30310	- *Approach Lighted Buoy 1*	09 20.7 167 27.9	Fl G 4^s		3	Black.	
30315	- *Lighted Buoy 2*	09 23.1 167 28.3	Fl R 4^s		3	Red.	
30320	- Buoy 3					Black can.	
30325	- Buoy 4					Red nun.	
30330	- Buoy 5					Black can.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
		N/E					
	KWAJALEIN ATOLL(Northern Part) (Chart 81706)						
	Kwajalein Atoll						
	Roi-Namur Islands Channel						
30335	- Buoy 6					Red nun.	
30340	- Buoy 7					Green can.	
	Kwajalein-Roi Highway Channel						
30345	- *Lighted Buoy 1*	08 52.6 167 38.3	**Fl G** 4^{s}		4	Black.	
30350	- Buoy 5					Green can.	
30355	- Daybeacon 12	09 06 167 34.2				TR on pile.	
30360	- Buoy 18	08 51.9 167 45.2				Red nun.	
30365	- Buoy 19					Black can.	
30370	- *Lighted Buoy 22*	09 18.8 167 28.8	**Fl R** 4^{s}		3	Red.	
	Meck Island						
30375	- *Approach Lighted Buoy 1*	08 59.7 167 42.3	**Fl G** 4^{s}		3	Green.	
30380	- Approach Range Front Daybeacon	08 59.6 167 43.3				KRW on pole.	
30385	- Approach Range Rear Daybeacon 183 yards 066° from front daybeacon.					KRW on pole.	
	Kwajalein Bigej Channel						
30390	- Buoy 1	08 51.8 167 45.2				Black can.	
30395	- Buoy 2	08 52.2 167 45.6				Red nun.	
	Kwajalein South Pass						
30400	- Buoy 1	08 46.8 167 35.5				Green can.	
30405	- Buoy 2					Red.	
	Kwajalein Gea Pass						
30410	- *Lighted Buoy 1*	08 48.9 167 35.5	**Fl G** 6^{s}		4	Black.	
30415	- *Lighted Buoy 2*	08 48.8 167 35.9	**Fl R** 4^{s}		3	Red.	
30420	- Buoy 3					Black can.	
30425	- *Lighted Buoy 5*	08 49.1 167 36.7	**Fl G** 4^{s}		4	Green.	
	Kwajalein Lagoon						
30430	- *Obstruction Lighted Buoy V*	08 52.1 167 43.5	**Fl (2+1) G** 6^{s}		4	Green and red bands.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
			PACIFIC ISLANDS – Fourteenth District				
	KWAJALEIN ATOLL(Northern Part) (Chart 81706)	N/E					
	Kwajalein Lagoon						
30435	– Obstruction Buoy T					Black and red bands; can.	
30440	– Obstruction Buoy S					Black and red bands; can.	
30445	– Obstruction Buoy Y					Black and red bands; can.	
30450	– Obstruction Buoy R					Green and red bands; can.	
30455	*Kwajalein Ebeye Reef Lighted Buoy ER1*	08 45.2 167 43.6	**Fl G** 6^s		4	Green.	
30460	– Obstruction Buoy N					Green and red bands; can.	
30465	*Kwajalein Harbor Approach Channel Lighted Buoy 2*	08 47.2 167 39.5	**Fl R** 4^s		4	Red.	
30470	– *Obstruction Lighted Buoy B*	08 45.1 167 42.5	**Fl (2+1) G** 6^s		4	Green and red bands.	
30475	– Obstruction Buoy C					Red and green bands; nun.	
30480	– Channel Buoy 4	08 44.2 167 42.8				Red nun.	
30485	– Channel Buoy 6					Red nun.	
30490	– *Channel Lighted Buoy 7*	08 43.9 167 43.2	**Fl G** 4^s		3	Black.	
	Kwajalein Harbor						
30495	– Channel Buoy 8					Red nun.	
30500	– Obstruction Buoy G					Red and green bands; nun.	
30505	– Channel Buoy 10					Red nun.	
	EAST CAROLINE ISLANDS (Chart 81016)						
	Kusaie Island						
	Okat Harbor						
30510	– LIGHT 1	05 21.1 162 56.9	**Fl G** 2.5^s	12	4	SG on pile.	Marks submerged reef north side of harbor entrance.
30515	– LIGHT 2	05 21 162 56.9	**Fl R** 2.5^s	12	4	TR on pile.	Marks submerged reef south side of harbor entrance.
30520	– LIGHT 3	05 21.1 162 57.1	**Fl G** 4^s	12	4	SG on pile.	Marks submerged reef north side of harbor entrance.
30525	– LIGHT 4	05 21 162 57.2	**Fl R** 4^s	12	4	TR on pile.	Marks submerged reef south side of harbor entrance.
30530	– Danger Daybeacon	05 21.1 162 57.5		10		NW on pile, worded DANGER.	Marks submerged reef east side of harbor.
	Lele Harbor						
30535	– ENTRANCE RANGE FRONT LIGHT	05 19.8 163 01.4	**Q R**	10		KRW on pile.	
30540	– ENTRANCE RANGE REAR LIGHT 510 yards, 277° from front light.		**Fl R** 4^s	19		KRW on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
		N/E					
	EAST CAROLINE ISLANDS (Chart 81016)						
	Lele Harbor						
30545	– Entrance Daybeacon 2			19		TR on pile.	
30550	– Daybeacon 3			10		SG on pile.	
30555	– Daybeacon 4			10		TR on pile.	
30560	– Daybeacon 5					SG on pile.	
30565	– Daybeacon 6			10		TR on pile.	
	Ponape Island						
	Jokaj Passage						
30570	– LIGHT	07 00.5 158 10.7	**Fl W** 6^{s}	20	6	NR on pile.	
30575	– Buoy 2	7 00.6 158 11.5				Red nun.	
30580	– Buoy 3	07 00.5 158 11.7				Green can.	
30585	– Buoy 5	7 00.3 158 11.8				Green can.	
30590	– Buoy 6					Red nun.	
30595	– Daybeacon 7			14		SG on steel pole.	
30600	– Daybeacon 8			13		TR on steel pole.	
30605	– Daybeacon 9			13		SG on steel pole.	
30610	– Daybeacon 10			13		TR on steel pole.	
30615	– Daybeacon 11			12		SG on steel pole.	
30620	– Daybeacon 12			12		TR on steel pole.	
30625	– Daybeacon 14			14		TR on steel pole.	
30630	– Daybeacon 16			12		TR on steel pole.	
	CAROLINE ISLANDS (Chart 81019)						
	Truk Island						
	Northeast Pass						
30635	– LIGHT	07 30.1 151 58.7	**Fl W** 6^{s}	32	7	White round concrete tower.	
30640	– Entrance Buoy 1					Black can.	
30645	– Buoy 3					Black can.	
30650	– Buoy 5					Black can.	
30655	Scheiben Island Daybeacon	07 29.1 151 50				NR on steel poles.	
	MARIANA ISLANDS (Chart 81005)						
	Guam Island						
30660	RITIDIAN POINT LIGHT	13 38.9 144 51.6	**Fl W** 6^{s}	573	9	NR on pile. 20	Obscured from 291° to 053°.

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
	MARIANA ISLANDS (Chart 81005)	N/E					
	Guam Island						
	Agana Small Boat Basin Approach						
30665	– RANGE FRONT LIGHT	13 28.6 144 45	**Q R**	19		KRW on concrete pole. 14	
30670	– RANGE REAR LIGHT 133 yards, 186.5° from front light.		**Iso R** 6^s	28		KRW on concrete pole. 33	
30675	– LIGHT 1	13 28.9 144 45.1	**Fl G** 6^s	22	4	SG on pile.	
30680	– LIGHT 2	13 28.9 144 49.9	**Fl R** 6^s	17	4	TR on pile.	
30685	**Orote Point Light**	13 26.7 144 37	**Fl W** 5^s	226	16	NR on concrete tower. 23	Obscured from 227° to 358°. Ra ref.
	Apra Outer Harbor						
30690	– *Entrance Lighted Buoy 1*		**Fl G** 4^s		4	Black.	
30695	– *Entrance Lighted Buoy 2*	13 27 144 37.3	**Fl R** 4^s		4	Red.	
30700	– ENTRANCE RANGE FRONT LIGHT	13 27.3 144 39.8	**F G**	35		KWR.	Visible 4^s each side of rangeline. Ra ref.
30705	– ENTRANCE RANGE REAR LIGHT 700 yards, 083° from front light.		**F G**	65		KWR.	Visible 4° each side of rangeline.
30710	GLASS BREAKWATER LIGHT	13 27.4 144 37.5	**Fl W** 4^s	55	5	NR on pipe structure.	Ra ref.
30715	Orote Peninsula Daybeacon B	13 26.5 144 38.7				NB on concrete pile.	
30720	Glass Breakwater Daybeacon N	13 27.8 144 38.5				NB on concrete pile.	
30725	– PIER DOG LIGHT	13 27.7 144 38.8	**Fl W** 4^s	28	7	NR on pole.	Obscured from 090° to 270°. Ra ref.
30730	– *Lighted Buoy 6*	13 27.2 144 39.1	**Fl R** 2.5^s		3	Red.	
	Cabras Island Channel						
30735	– *Lighted Buoy 1*	13 27.5 144 39.2	**Fl G** 2.5^s		3	Black.	
30740	– *Junction Lighted Buoy A*	13 27.3 144 39.3	**IQ R**		2	Red and black bands.	Marks junction of Cabras Island Channel and Apra Outer Harbor Channel.
30745	– LIGHT 3	13 27.5 144 39.5	**Iso G** 6^s	29	7	SG on concrete pile.	
30750	– *Lighted Buoy 4*	13 27.3 144 39.7	**Fl R** 6^s		3	Red.	
	Apra Outer Harbor						
30755	– *Lighted Buoy 8*		**Q R**		2	Red.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
	MARIANA ISLANDS (Chart 81005)	N/E					
	Apra Outer Harbor						
	Cabras Island Channel						
30760	– *Lighted Buoy 9*		**Fl G** 4^{s}		3	Green.	
30765	– *Lighted Buoy 10*		**Fl R** 4^{s}		3	Red.	
30770	– *Lighted Buoy 11*		**Fl G** 6^{s}		3	Black.	
30775	– Channel Buoy 12					Red nun.	
30780	– Buoy 14					Red nun.	
30785	– LIGHT	13 26.5 144 39.2	**Iso W** 6^{s}	16	8	NR on skeleton tower.	Ra ref.
	Apra Inner Harbor						
30790	– APPROACH RANGE FRONT LIGHT	13 26.5 144 39.9	**F R**	15		KRW on skeleton tower.	Visible 4° each side of rangeline.
30795	– APPROACH RANGE REAR LIGHT 500 feet, 141° from front light		**F R**	24		KRW on pipe tower.	Visible 4° each side of rangeline.
30800	– RANGE FRONT LIGHT	13 25 144 39.9	**F G**	38		KRW.	Visible 4° each side of rangeline.
30805	– RANGE REAR LIGHT 200 yards, 176° from front light.		**F G**	55		KRW.	Visible 4° each side of rangeline.
	Apra Harbor West Channel						
30810	Apra Harbor Western Shoal Buoy	13 26.9 144 39.1				Black and red bands; can.	
	Merizo Bay						
	Mamaon Channel						
30815	– Buoy 2	13 16.1 144 39.3				Red nun.	
30820	– Buoy 3					Green can.	
	Merizo Channel						
30825	– Buoy 2	13 15.7 144 39.9				Red nun.	Private aid.
30830	– Buoy 4					Red nun.	Private aid.
30835	– Buoy 5					Black can.	Private aid.
30840	– Buoy 7					Black can.	Private aid.
	ROTA ISLAND (Chart 81063)						
	Rota West Harbor						
30845	– RANGE FRONT DAYBEACON	14 08.1 145 07.9		33		KRW on pole. 25	
30850	– RANGE REAR DAYBEACON 41 yards, 118° from front daybeacon.			46		KRW on pole. 36	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
		N/E					
	SAIPAN (Chart 81076)						
	Tanapag Harbor						
30855	– *Approach Lighted Buoy T*	15 12.1 145 40.3	**Mo (A) W**		6	Red and white stripes, with red spherical topmark.	
30860	Okino Reef Buoy 2					Red nun.	
30865	MANIAGASSA ISLAND LIGHT	15 14.4 145 42.6	**Fl W** 6^s	30	6	NR on pole.	
30870	– *Channel Lighted Buoy 1*	15 13.7 145 42	**Fl G** 2.5^s		3	Black.	
30875	– RANGE FRONT LIGHT	15 13.7 15 44.3	**F G**	50		KRW on skeleton tower.	Visible 4° each side of rangeline.
30880	– RANGE REAR LIGHT 1,125 yards, 088.2° from front light.		**F G**	97		KRW on skeleton tower.	Visible 4° each side of rangeline.
30885	– *Channel Lighted Buoy 2*	15 13.6 145 42.1	**Fl R** 2.5^s		3	Red.	
30890	– Channel Buoy 3					Black can.	
30895	– Channel Buoy 4					Red nun.	
30900	– *Channel Lighted Buoy 5*	15 13.7 145 42.9	**Fl G** 4^s		3	Black.	
30905	– *Channel Lighted Buoy 6*	15 13.6 145 42.9	**Fl R** 4^s		3	Red.	
30910	– Obstruction Buoy	15 13.7 145 44				Black and red bands; can.	
30915	– Wreck Buoy WR	15 14 145 43.3				Yellow can.	Marks submerged wreck.
	TINIAN (Chart 81071)						
	Tinian Harbor						
30920	– Channel Buoy 1	14 57.5 145 37.4				Black can.	
30925	– Channel Buoy 2					Red nun.	
30930	– Channel Buoy 3					Black can.	
30935	– Channel Buoy 4					Red nun.	
30940	– Channel Buoy 5	14 57.8 145 37.4				Black can.	
30945	– Channel Buoy 6					Red nun.	
	FARAULEP ATOLL TO PALAU ISLANDS (Chart 81002)						
	Yap Islands						
	Tomil Harbor						
30950	YAP ISLAND LIGHT	09 31.7 138 06.9	**Fl W** 6^s	520	8	White skeleton tower. 39	Obscured from 102° to 139° and from 167° to 197°.
30955	– Entrance Buoy 1					Green can.	
30960	– Entrance Buoy 2	09 29.4 138 07.9				Red nun.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
	FARAULEP ATOLL TO PALAU ISLANDS (Chart 81002)	N/E					
	Yap Islands						
	Tomil Harbor						
30965	– Daybeacon 4			12		TR on pile.	
30970	– Buoy 5					Black can.	
30975	– Daybeacon 7			12		SG on pile.	
30980	– Daybeacon 8			7		TR on pile.	
30985	– Daybeacon 9			8		SG on pile.	
30990	– Daybeacon 10			7		TR on pile.	
30995	– Daybeacon 11			12		SG on pile.	
31000	– Daybeacon 12			12		TR on pile.	
31005	– Junction Buoy					Black and red bands; can.	
31010	– Daybeacon 13			8		SG on pile.	
31015	– Daybeacon 15			7		SG on pile.	
31020	– Daybeacon 16			10		TR on pile.	
31025	– Daybeacon 17			8		SG on pile.	
31030	– Daybeacon 18			10		TR on pile.	
31035	– Daybeacon 19			8		SG on pile.	
31040	Bielatsch Inlet Daybeacon 2			8		TR on pile.	
31045	Worwor Inlet Daybeacon 1	09 30.6 130 02.4		10		SG on pole.	
31050	Worwor Inlet Daybeacon 2			8		TR on pile.	
31055	Worwor Inlet Buoy 3					Green can.	
	Palau Islands						
	West Passage						
31060	– Daybeacon 1					SG on pile.	
31065	– Daybeacon 2					TR on pile.	
31070	– Daybeacon 4					TR on pile.	
31075	– Daybeacon 5					SG on pile.	
31080	– Daybeacon 7					SG on pile.	
31085	– Daybeacon 8.					TR on pile.	
31090	– Daybeacon 9					SG on pile.	
31095	– Buoy 10					Red nun.	
31100	– Entrance Range Front Daybeacon					KWR on pile. On same structure as West Passage Daybeacon 11.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	FARAULEP ATOLL TO PALAU ISLANDS (Chart 81002) N/E						
	Palau Islands						
	West Passage						
31105	- Entrance Range Rear Daybeacon 870 yards, 105° from front daybeacon.					KWR on pile.	
31110	- Daybeacon 11					SG on pile. On same structure as West Passage Entrance Range Front Daybeacon.	
31115	- Daybeacon 12					TR on pile.	
31120	- Daybeacon 13					SG on pile.	
31125	- Daybeacon 14					TR on pile.	
31130	- Corner Range Front Daybeacon					KWR on pile. On same structure as West Passage Daybeacon 15.	
31135	- Corner Range Rear Daybeacon 820 yards, 146° from front daybeacon.					KWR on pile.	
31140	- Daybeacon 15					SG on pile. On same structure as West Passage Corner Range Front Daybeacon.	
31145	- Daybeacon 16			8		TR on pole.	
31150	- Daybeacon 17					SG on pile.	
31155	- Daybeacon 19					SG on pile.	
31160	- Daybeacon 20					TR on pile.	
31165	- Daybeacon 21					SG on pile.	
31170	- Daybeacon 22					TR on pile.	
31175	- Daybeacon 23					SG on pile.	
31180	- Daybeacon 24					TR on pile.	
31185	- Daybeacon 25					SG on pile.	
31190	- Daybeacon 26					TR on pile.	
31195	- Daybeacon 27					SG on pile.	
31200	- Daybeacon 28					TR on pile.	
31205	- Daybeacon 29					SG on pile.	
31210	- Daybeacon 31					SG on pile.	
31215	- Daybeacon 33					SG on pile.	
31220	- Daybeacon 34					TR on pile.	
31225	- Daybeacon 36					TR on pile.	
31230	- Daybeacon 39	07 28 134 28.2		11		SG on pile.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS - Fourteenth District						
	FARAULEP ATOLL TO PALAU ISLANDS (Chart 81002)	N/E					
	Palau Islands						
	West Passage						
31235	- Daybeacon 40					TR on pile.	
31240	- Buoy 41					Black can.	
31245	- Buoy 42					Red nun.	
31250	- Buoy 43					Green can.	
31255	- Buoy 45					Black can.	
31260	- Daybeacon 46					TR on pile.	
31265	- Buoy 47					Black can.	
31270	- Buoy 48					Red nun.	
	Malakal Passage						
31275	- LIGHT	07 16.7 134 28.3	**Fl W** 6s	24	8	White round concrete tower.	
31280	- Daybeacon 2					TR on pile.	
31285	- Daybeacon 3					SG on pile.	
31290	- Daybeacon 4					TR on pile.	
31295	- Daybeacon 6					TR on pile.	
31300	- Daybeacon 7					SG on pile.	
31305	- Daybeacon 8					TR on pile.	
31310	- Daybeacon 10			10		TR on pile.	
31315	- Daybeacon 11					SG on pile.	
31320	- Daybeacon 12					TR on pile.	
31325	- Daybeacon 14					TR on pile.	
31330	- Daybeacon 15					SG on pile.	
31335	- Buoy 16					Red nun.	
	Malakal Harbor						
31340	- Daybeacon 1					SG on pile.	
31345	- Junction Buoy					Red and black bands; nun.	
31350	- Buoy 2	07 19 134 27.6				Red nun.	
31355	- Buoy 3					Black can.	
31360	- Buoy 4					Red nun.	
31365	- Daybeacon 5	07 19.3 134 27.9				SG on round concrete tower.	

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
	PACIFIC ISLANDS – Fourteenth District						
	PHILLIPPINE ISLANDS-MANILLA BAY AND APPROACHES (Chart 91280)	N/E					
	Luzon Island						
	Subic Bay						
31370	*Twenty-four Foot Shoal Lighted Buoy 2*	14 45.2 120 13.4	**Fl R** 4^{s}		3	Red.	
31375	Macmany Point Buoy 3	14 46.6 120 12.2				Black can.	
31380	*Grande Island Shoal Lighted Buoy 4*	14 46.7 120 13.1	**Q R**		5	Red.	
31385	*Ilanin Bay Lighted Buoy 1*	14 46.2 120 15	**Q G**		3	Black.	
31390	*Ilanin Bay Lighted Buoy 3*	14 46.1 120 15.3	**Fl G** 4^{s}		3	Black.	
31395	*Sixteen Foot Shoal Lighted Buoy 6*	14 47.9 120 14.5	**Fl R** 4^{s}		3	Red.	
31400	*Agusuhin Point Buoy 7*	14 48.6 120 12.8				Green can.	
31405	*Port Olongapo Channel Junction Lighted Buoy S*	14 48.7 120 14.5	**IQ G**		2	Black and red bands; can.	
31410	*Cubi Shoal Lighted Buoy 8*	14 48.6 120 15.5	**Q R**		3	Red.	
31415	*Port Olongapo Lighted Buoy A*	14 48.8 120 15.1	**Mo (A) W**		6	Red and white stripes; red spherical topmark.	
31420	KALAKLAN POINT LIGHT	14 49.5 120 16	**Fl G** 6^{s}	77	5	White concrete tower. 32	Leading light with higher intensity beam bearing 051°.
31425	*Subic Bay Northwest Channel Lighted Buoy 2*	14 49.9 120 13.9	**Fl R** 4^{s}		3	Red.	
31430	Subic Bay Northwest Channel Buoy 4	14 51.1 120 13.3				Red nun.	
31435	*Subic Bay Northwest Channel Lighted Buoy 5*	14 51.1 120 12.9	**Fl G** 4^{s}		3	Black.	
31440	ILANIN BAY DIRECTIONAL LIGHT	14 46 120 15.2	**Iso W** 6^{s}	50	8	NR on piling on platform.	Higher intensity beam on 141°.
31445	Nagcaban Point Buoy 2					Red nun.	

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Inter.	- U.S.	Inter.	- U.S.	Inter.	- U.S.	Inter.	- U.S.
F2614	31440	G5078	19635	G5382	20395	G5749.5	21205
F2675	31420	G5110	19840	G5383	20390	G5751	21215
F8382	30660	G5120	19540	G5384	20385	G5753.6	21220
F8386	30700	G5122	19545	G5386	20400	G5754	21225
F8387	30785	G5124	19555	G5388	20450	G5756	21230
F8408	31275	G5126	19590	G5394	20435	G5758	21690
F8424	30950	G5135	19675	G5394.1	20440	G5759	21660
F8448	30635	G5136	19750	G5485	20525	G5760	21665
F8466	30265	G5139	19760	G5532.1	20610	G5761	21670
G3676	5	G5140	19805	G5658	21265	G5768	21680
G3718	25	G5142	19825	G5662	21270	G5770	21685
G3720	35	G5148	19920	G5664	21275	G5772	21710
G3732	50	G5152	19965	G5668	21280	G5772.5	21715
G3733	60	G5160.1	19985	G5669	21285	G5783	21725
G3736	90	G5160.9	19975	G5670	21290	G5790	21700
G3794	140	G5161	19970	G5672	21295	G5794	21740
G3796	130	G5172	930	G5673	21300	G5794.4	21750
G3797	125	G5178	925	G5674	21305	G5795	21755
G3799	135	G5191	920	G5676	21310	G5796	21760
G3886	170	G5192	915	G5678	21315	G5801	21765
G3926	190	G5194	910	G5680	21320	G5806	21705
G3940	185	G5198	905	G5682	21360	G5807	21770
G3952	195	G5200	895	G5690	21365	G5808	21780
G3964	200	G5202	890	G5693	21325	G5808.2	21785
G3968	210	G5202.6	885	G5694	21330	G5808.4	21795
G3972	225	G5204	870	G5696	21335	G5809	21250
G3976	240	G5206	875	G5698	21340	G5810	21245
G3982	265	G5219	860	G5698.4	21345	G5811	21240
G3988	280	G5224	850	G5700	21355	G5812	21255
G3992	290	G5226	840	G5702	21370	G5814	21820
G4001	305	G5231	825	G5704	21375	G5816	21825
G4006	320	G5234	830	G5706	21400	G5820	21810
G4010	335	G5242	820	G5707	21405	G5822	21815
G4014	355	G5247	805	G5708	21410	G5826	935
G4030	360	G5249	800	G5713	21415	G5828	940
G4052	370	G5256	790	G5714	21420	G5833	21125
G4054	365	G5257	795	G5715	21175	G5834	21130
G4356	385	G5279	785	G5716	21430	G5835	21135
G4358	420	G5280	780	G5718	21435	G5837.4	21160
G4362	450	G5288	770	G5719	21440	G5837.5	21165
G4374	480	G5290	16180	G5720	21460	G5838	21140
G4376	485	G5292	16195	G5722	21465	G5854	975
G4382.1	495	G5296	16210	G5723	21470	G5856	980
G4408	525	G5300	16225	G5724	21475	G5857	965
G4410	540	G5302	16230	G5727	21480	G5858	970
G4415	550	G5304	16240	G5728	21485	G5859	960
G4432	595	G5306	16245	G5730	21490	G5861	950
G4450	605	G5307	16255	G5732	21495	G5862	945
G4472	620	G5310	16260	G5734	21500	G5888	21900
G4486	635	G5312	16250	G5734.2	21525	G5889	21905
G4506	650	G5328	16265	G5734.4	21530	G5924	985
G4516	675	G5334	16270	G5734.6	21535	G5945	1000
G4532	695	G5334	19685	G5734.8	21545	G5946	1005
G4718	700	G5335	19695	G5735	21555	G5954	1010
G4722	710	G5336	19705	G5735.2	21560	G6116	1015
G4726	720	G5337	19710	G5736	21595	G6286	1020
G4743	730	G5338	19720	G5736.2	21600	G6292	1025
G4746	735	G5339	19780	G5736.4	21605	G6354	1035
G4750	745	G5340	19790	G5736.6	21610	G6384	1030
G4756	760	G5341	19715	G5736.8	21510	G6414	1040
G4760	16160	G5357.4	19800	G5737	21505	G6508	1070
G4762	16155	G5358	19810	G5739.4	21515	G6514	1075
G4764	16190	G5360	20370	G5740.6	21615	G6518	1065
G4768	16280	G5362	20365	G5740.8	21625	G6520	1055
G4769.8	16310	G5364	20355	G5741	21630	G6560	1085
G4770	16320	G5365	20360	G5742	21635	G6582	1100
G4770.2	16325	G5366	20345	G5743	21640	G6592	1125
G4771	16330	G5367	20350	G5744	21645	G6662	1145
G4772	16335	G5368	20325	G5745	21650	G6663	1140
G4776	16400	G5369	20335	G5746	21655	G6674	1150
G4778	16375	G5371	20320	G5747	21185	G6684	1155
G4780	16380	G5373	20330	G5747.2	21190	G6688	1160
G5072	19660	G5378	20380	G5747.34	21620	G6754	1165
G5074	19655	G5378.6	20410	G5748	21195	G6760	1170
G5075	19645	G5379	20405	G5748.5	21200	G6810	1195
G5076	19640	G5380	20420	G5749	21210	G6816	1190

CROSS REFERENCE - INTERNATIONAL vs. U.S. LIGHT NUMBER

Inter.	- U.S.	Inter.	- U.S.	Inter.	- U.S.	Inter.	- U.S.
G6820	1185	G7206	28115	G7280	28350	G7364	29295
G6902	1200	G7210	28030	G7282	28355	G7364.2	29300
G6904	1215	G7212	28025	G7286	28385	G7364.3	29305
G6908	1210	G7214	28020	G7290	28580	G7364.4	29310
G6912	1220	G7218	28015	G7292	28575	G7366	29315
G6916	1230	G7222	28010	G7296	28670	G7366.1	29320
G6920	1235	G7226	28325	G7306	28605	G7370	29380
G6922	1240	G7228	28270	G7314	28525	G7370.1	29385
G6962	1245	G7229	28285	G7316	28535	G7414	29570
G6976	1250	G7229.1	28290	G7318	28555	G7430	29650
G6982	1255	G7231	28215	G7321	28520	G7450	29690
G6984	1260	G7232	28195	G7324	28675	G7468	29715
G6988	1265	G7234	28185	G7325.4	28810	G7482	29755
G6989	1270	G7235	28155	G7325.5	28815	G7484	29770
G7004	1285	G7236	28150	G7326	28925	G7504	29905
G7030	1315	G7240	28145	G7328	29060	G7508	29865
G7034	1320	G7242	28140	G7332	29100	G7520	29850
G7036.1	28610	G7248	28130	G7332.1	29105	G7540	29935
G7040	1325	G7252	28515	G7334	29140	G7584	29950
G7052	1330	G7254	28410	G7334.1	29145	G7584.1	29955
G7062	1335	G7258	28405	G7338	29170	K4574	30235
G7082	1340	G7260	28415	G7342	29185	K4576	30185
G7084	1345	G7262	28420	G7342.1	29190	K4580	30190
G7088	1350	G7262.1	28425	G7363	29245	K4580.1	30195
G7102	1355	G7266	28460	G7363.1	29250	K4588	30175
G7106	1360	G7267	28470	G7363.3	29265	K8386.1	30705
G7119	1365	G7267.1	28475	G7363.5	29275		
G7132	1375	G7270	28330	G7363.6	29280		
G7202	28060	G7274	28340	G7363.7	29285		
G7202.1	28065	G7274.1	28345	G7363.7	29290		

☆ U. S. GOVERNMENT PRINTING OFFICE : 1986 491-057

CONVERSION TABLE FOR HEIGHTS OF LIGHTS

FEET TO WHOLE METERS

(1 foot = 0.3048 meter)

Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
0		40	12	80	24	120	37	160	49	200	61
1	0	41	12	81	25	121	37	161	49	300	91
2	1	42	13	82	25	122	37	162	49	400	122
3	1	43	13	83	25	123	37	163	50	500	152
4	1	44	13	84	26	124	38	164	50	600	183
5	2	45	14	85	26	125	38	165	50	700	213
6	2	46	14	86	26	126	38	166	51	800	244
7	2	47	14	87	27	127	39	167	51	900	274
8	2	48	15	88	27	128	39	168	51	1000	305
9	3	49	15	89	27	129	39	169	52		
10	3	50	15	90	27	130	40	170	52		
11	3	51	16	91	28	131	40	171	52		
12	4	52	16	92	28	132	40	172	52		
13	4	53	16	93	28	133	41	173	53		
14	4	54	16	94	29	134	41	174	53		
15	5	55	17	95	29	135	41	175	53		
16	5	56	17	96	29	136	41	176	54		
17	5	57	17	97	30	137	42	177	54		
18	5	58	18	98	30	138	42	178	54		
19	6	59	18	99	30	139	42	179	55		
20	6	60	18	100	30	140	43	180	55		
21	6	61	19	101	31	141	43	181	55		
22	7	62	19	102	31	142	43	182	55		
23	7	63	19	103	31	143	44	183	56		
24	7	64	20	104	32	144	44	184	56		
25	8	65	20	105	32	145	44	185	56		
26	8	66	20	106	32	146	45	186	57		
27	8	67	20	107	33	147	45	187	57		
28	9	68	21	108	33	148	45	188	57		
29	9	69	21	109	33	149	45	189	58		
30	9	70	21	110	34	150	46	190	58		
31	9	71	22	111	34	151	46	191	58		
32	10	72	22	112	34	152	46	192	59		
33	10	73	22	113	34	153	47	193	59		
34	10	74	23	114	35	154	47	194	59		
35	11	75	23	115	35	155	47	195	59		
36	11	76	23	116	35	156	48	196	60		
37	11	77	23	117	36	157	48	197	60		
38	12	78	24	118	36	158	48	198	60		
39	12	79	24	119	36	159	48	199	61		